



Crescendo Release Notes

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Release Notes

Version 3.0.000

General

Initial version

Version 3.0.001

Database scripts

Problem	In order to call functions from a stored procedure, the call to the function should be extended by the schema name (e.g. crescendo.isd_sp_acccode). Unfortunately, also some stored procedure calls will be extended. This results in an error while running the create scripts. This problem applies only to SQL Server.
Workaround	-
Solution	Changed the SQL Server stored procedure scripts.
Components	30_Crescendo_sp.sql 30U_Crescendo_sp.sql

Logging folder

Problem	Desktop does not start when a logging folder does not exist, or when there are insufficient rights to access the folder
Workaround	Make sure the folder exists and the domain user has sufficient rights to access the folder.
Solution	Desktop now gives a warning when a logging folder does not exist, or when there are insufficient rights to access the folder
Components	Desktop.exe

Registry

Problem	Desktop does not start when the CODA / InterStaff registry keys are empty.
Workaround	Install the CODA core client, which creates registry keys.
Solution	The Desktop will create all needed keys itself, and will handle empty keys.
Components	Desktop.exe

Closing the Desktop

Problem	Desktop sometimes shows an error message when the user closes the Desktop while no user is logged in.
Workaround	-
Solution	The Desktop checked for changes in the CODA-Financials environment related to the core-client and callable link. This check has been removed.
Components	Desktop.exe

Version 3.0.002

Change company functionality removed

Problem	Change company functionality was still available in applications under de desktop. In situations of copying masters to a destination company the change company causes problems because other applications will also change company
Workaround	Change company in the Desktop
Solution	Remove change company functionality and create new logons instead
Components	Selectormaster.exe, Presentermaster.exe, Document manager.exe, LineEditor.exe

Element matching

Problem	Element matching didn't work in specific situation via the filter process (calculate match).
Workaround	Re-create match manually in the document manager
Solution	Added functionality
Components	isdbe.exe

Switching connections

Problem	Switching between different environments did not function properly on Terminal server/Citrix.
Workaround	-
Solution	Issues have been solved by saving the active connection to the registry of the current user instead of the connection file.
Components	Isdcccpl.dll, Desktop.exe, isdch.exe

Repairing license information

Problem	The license was not fully repaired when the button "Repair license" was selected on the Configuration control panel applet.
Workaround	-
Solution	Several database queries have been added to make a full repair
Components	Isdcccpl.dll

Document manager

Problem In case a match group without matching currency (?/**** in column) is removed and next the current interface line is selected (font displayed bold), an error occurs.

Workaround -

Solution Bug fixed

Components Document Manager.exe

Problem Bug in Element substitution: An element is not being cleared out when the checked position in the substitution string is greater than the highest level of elements of the account code to take over.

Workaround -

Solution Bug fixed

Components Document Manager.exe

Version 3.0.003

Database scripts

Problem Due to a missing '/' character the trigger isd_tr_revaluation_proctstamp was not created correctly.

Within the Crescendo upgrade script the creation of the isd_docmapping_languages table was not correct. The column languagecode should be replaced by languageid.

This problem applies only to Oracle.

Workaround -

Solution Changed the Oracle database scripts.

Components 30_Crescendo_upgrade_from_26.sql

30_Crescendo_sp.sql

30U_Crescendo_sp.sql

Parallel batch processing

Problem Due to timing issues concerning the java runtime environment some batches were unable to logon to CODA-Financials using XMLi.

Workaround -

Solution Implemented negotiation between batch engines to ensure a single logon request at any given time.

Components Isdasv.dll, isdmh.exe, isdint.dll, isdbe.exe, isdbec.exe, isdsupp.exe

Setting Java runtime environment

Problem Crescendo was unable to logon to CODA-Financials, using XMLi, when the active runtime environment does not match the required environment (by XMLi).

Workaround Set registry setting to let the XMLi router use the correct environment

Solution Implemented automatic setting of the XMLi router to use the correct environment.

Components Isdxmli.dll

Importing settings

Problem	Message -Folder 'xxxxx' created- appeared while importing settings, but import did not continue.
Workaround	Restart the import
Solution	Changed coding, so that import does continue.
Components	Isdcnf.dll

Using wildcards in account codes

Problem	Request for new functionality: Use a driving line when wildcards are used in account codes for write-off, discount or currency write-off.
Workaround	-
Solution	Added coding in software and changed Oracle and SQL Server scripts.
Components	Isdbe.exe, Documentanager.exe, 30_Crescendo_Create.sql, 30U_Crescendo_Create.sql, 30_Crescendo_drop.sql, 30_Crescendo_sp.sql, 30U_Crescendo_sp.sql, 30_Crescendo_upgrade_from_26.sql

Oracle bug when using aggregate functions on some oracle drivers

Problem	Sometimes, the bug "not a single group group function" occurs when using aggregate functions on oracle. This happens only on some drivers, and is caused by ADO. ADO adds field "rowid" to queries with aggregate functions.
Workaround	Use a different driver
Solution	Before getting a record set based on a query with an aggregate function, the databases property 'Lock type' is set to 'Read-only'. After the record set is built, the Lock type is set back to 'Optimistic'.
Components	ApplicationManager.exe, BSPMRead.exe, Filter.exe, Filter_Rules.exe, FollowUpOAS.exe, IBDM.exe, isdapc.exe, isdapmas.exe, isdbe.exe, isdcccpl.dll, isdctrl.exe, isdxmli.dll, isddfo.dll, isdmh.exe, isd_queue.exe, isdspln.dll, isdsupp.exe, masters.exe, SMFE.dll, Document Manager.exe.

Setting driving lines

Problem	When wildcards are used on the currency discount account a driving line has to be passed to CODA-Financials.
Workaround	-
Solution	Added coding to include driving lines when processing match groups
Components	Isdmxli.dll

Document manager

Problem	Quantity values of a document line that have been changed in edit mode are not updated when the focus is being moved to another grid line.
Workaround	-
Solution	Bug fixed
Components	Document Manager.exe

Problem The tab that contains the currency information of the open items should present the element rates of oas_curline instead of oas_curlist.
Workaround -
Solution Bug fixed
Components Document Manager.exe

Version 3.0.004

Driving Element Level

Problem -
Workaround -
Solution Added a driving element level. The driving element is used for automatic determination of matching masters.
Added support for driving lines. The match line with the largest absolute value will be chosen, when unsure which line to choose as driving line,
Components isdbe.exe, isdbec.exe, isdsp1n.dll, Document manager, isdsupp.exe, LineEditor.exe, FollowUpOAS.exe (Create Follow-Up), isdxmli.dll, 30_Crescendo_upgrade_from_26.sql, 30_Crescendo_sp.sql, 30U_Crescendo_sp.sql, 30_Crescendo_drop.sql, 30_Crescendo_create.sql

Selector Presenter functionality

Problem The vocab **days overdue** in combination with a soft date could not be used.
Workaround -
Solution Added coding
Components Isdsp.dll

Document manager

Problem The process of using and assigning a driving line has to be optimized (in case matching actions are performed).
Workaround -
Solution Added functionality
Components Document Manager.exe

Problem In the options/edit match group screen it is no longer possible to edit the account codes. Instead the current driving line is indicated and the driving element level can be edited in case match groups are loaded.
Workaround -
Solution Added functionality
Components Document Manager.exe

Line Editor

Problem	Editing of the user reference fields cannot be done with the use of a function key.
Workaround	-
Solution	Bug fixed
Components	Line Editor.exe

Version 3.0.005

Oracle OLEDB driver

Problem	The native Oracle OLEDB driver caused non-descriptive errors when executing stored procedures containing numeric data types. This driver is mainly used when connecting to a Unicode database. In all other cases the Microsoft OLEDB driver for Oracle is advised.
Workaround	-
Solution	Changed coding to use database specific data types instead of generic data types.
Components	isddb.dll

Unicode

Problem	The native Oracle OLEDB driver could cause non-descriptive errors when executing stored procedures containing generic character data types on Unicode databases. This driver is mainly used when connecting to Unicode database. In all other cases the Microsoft OLEDB driver for Oracle is advised.
Workaround	-
Solution	Changed coding to use Unicode specific data types instead of generic data types.
Components	isddb.dll, isdcccpl.dll

Problem	On SQL Server Unicode characters disappeared in the database when they were inserted/ updated by queries. Also select queries could give wrong results.
Workaround	-
Solution	All text between quotes will be preceded with an N to show the database that Unicode text might be included.
Components	isddb.dll

Problem	Upgrade path from ASCII database to Unicode database didn't exist yet for SQL Server
Workaround	-
Solution	Created SQL Server database scripts for upgrading from ASCII to Unicode
Components	30U_Crescendo_upgrade_from_30.sql

Problem	Some text fields on SQL Server could not contain Unicode characters
Workaround	-
Solution	Adjusted scripts.
Components	30U_Crescendo_create.sql, 30U_Crescendo_sp.sql

Document posting

Problem	When a document cannot be posted and results in an error, possible records within the oas_linkqty table where not deleted.
Workaround	-
Solution	Changed the process which runs after posting a document.
Components	30_Crescendo_sp.sql 30U_Crescendo_sp.sql

Selector / Presenter master

Problem	Inserting a new vocab didn't always give the correct result. Fields of the next vocab were copied as well.
Workaround	Use the 'add' button instead
Solution	Fixed coding
Components	Isdsp.dll

Problem	Adjustment of the data location was not possible in the selector / presenter master.
Workaround	Create a new selector / presenter master
Solution	Fixed coding
Components	Isdsp.dll

Callable link

Problem	CODA has replaced Callable link by XMLi. New development by CODA only takes place in XMLi.
Workaround	-
Solution	Crescendo will only support XMLi. All references to Callable link have been removed. Crescendo will no longer require the installation of the CODA-Financials core client, but does require the installation of the appropriate version of XMLi and consequently Java.
Components	Isdcnf.dll, isdcfi.dll, isddb.dll, isdmh.exe, isdasv.dll, isdcccpl.dll, Desktop.exe

Change company functionality

Problem	The Desktop does not handle a 'Change company' request correctly.
Workaround	Log off and Logon with a different company.
Solution	Changed coding to handle a 'Change company' request correctly.
Components	isdcfi.dll, Desktop.exe

Document manager

Problem	The settings of the presenters that are used for showing the analysis - and summary lines can only be set for application 'Bank Statement Posting and Matching'.
Workaround	-
Solution	The usage is extended to all applications.
Components	Document Manager.exe
Problem	The reload of match groups fails when the presenter code that is used for showing the open items has changed by the user in the view menu.
Workaround	-
Solution	Bug fixed
Components	Document Manager.exe
Problem	The validation of the analysis - and summary presenter has to be checked since they are set in the application manager. All presenter - and selector settings must also be validated to check if they have vocab items.
Workaround	-
Solution	Added functionality
Components	Document Manager.exe
Problem	When a reference is chosen from the list in the selection screen for supplement matching folders equal to the current reference value being edited, a message appears that tells it has already been selected.
Workaround	-
Solution	This message shouldn't appear.
Components	Isdctrl.ocx
Problem	Split line: Improvements are necessary in the way lines are added.
Workaround	-
Solution	Changed functionality.
Components	isdsp1ln.dll

Calculate matching

Problem	Element matching was chosen instead of document matching in the following situation: Multiple open items are found and part payments of 0 were removed afterwards which creates sometimes the possibility to switch back to document matching. This possibility was not used until now.
Workaround	Keep using element matching which is also valid.
Solution	Added new functionality
Components	isdbe.exe

Element Posting

Problem	Posting multiple new elements which are completely created within the Crescendo tables, results in a duplicate key database error.
Workaround	-
Solution	Bug fixed
Components	30_Crescendo_sp.sql 30U_Crescendo_sp.sql

Desaware Service Toolkit

Problem	The Desaware Service Toolkit is not compatible with Windows Vista, Windows 7 and Windows Server 2008.
Workaround	-
Solution	The Desaware Service Toolkit has been removed and its functionality has been replaced.
Components	Isdavsmn.dll, isdasv.dll, ConfigureApplet.exe, Desktop.exe, isdasv.exe, isdcccpl.cpl, isdcccpl.dll, Interop.ApplicationServerDotNet.dll, MyTestService.exe, InterStaff.Communication.tlb, InterStaff.Service.Controller.tlb, InterStaff.Logging.tlb

Trusted logon

Problem	The trusted logon procedure did not allow storage of multiple domain users with the same CODA-user, resulting in a database error.
Workaround	-
Solution	Different Windows domain users can now use the same CODA-user during trusted logon.
Components	Desktop.exe, scripts

About screen

Problem	The information in the About screen was not accurate.
Workaround	-
Solution	Updated the information in the About screen
Components	Isdctrl.ocx

Configuration panel

Problem	Unable to change a customer name
Workaround	-
Solution	Added a button to change the customer name
Components	Isdcpla.exe
Problem	Service log on name was editable
Workaround	-
Solution	Field is now locked
Components	Isdcpla.exe

License

Problem	The application server doesn't check the license when starting.
Workaround	-
Solution	Added a license check for suite "Crescendo"
Components	Isdasvmn.dll

Version 3.0.006

Presenter Master

Problem	When dots were used in a presenter alias, the presenter stopped working.
Workaround	Don't use dots in the presenter alias
Solution	Change coding to prevent typing dots in users interface.
Components	Isdsp.dll

Unicode SQL server

Problem	Proper field type could not be determined by new database column necessary for Unicode. This resulted in invalid queries during copying / importing / exporting data.
Workaround	Create manually
Solution	Added coding
Components	PresenterMaster.exe, SelectorMaster.exe, isdcnf.dll
Problem	Turkish symbols were sometimes displayed as vertical stripes in combo boxes, list views, status bars, tree views and form caption.
Workaround	It was only an issue of representation; Internally the text was processed correctly.
Solution	Changed font of the controls from 'MS Sans Serif' to 'Microsoft Sans Serif'.
Components	ApplicationManager.exe, FollowUpOAS.exe, Desktop.exe, DiaryMasters.exe, Document Manager.exe, LineEditor.exe, isdsupp.exe, PresenterMaster.exe, SelectorMaster.exe, isdsplln.dll, isdcfi.dll, isdctrl.dll, isdcnf.dll, isdsp.dll, isdset.dll

Configure File

Problem	When importing settings for bespoke software, sometimes an error message could occur.
Workaround	Add all settings for bespoke software by hand in the Application Manager.
Solution	Changed the Configure.xsd so that fewer elements are required.
Components	Configure.xsd
Problem	The layout of the configuration xml file was not optimal. All nodes were stored on one single line. It did not result in any errors, but was difficult to read and caused some performance loss.
Workaround	-
Solution	Changed code to apply a proper formatting of XML.
Components	isdcnf.dll

Problem	When an export was made of a suite without global settings or logmasters, the XML file was not valid, because some attributes were missing
Workaround	Add the attributes by hand: <GlobalSettings/> must be <lobalSettings Count="0"/> <LogMasters/> must be <LogMasters Count="0"/>
Solution	Changed code so now these attributes are entered always, even if settings are not present.
Components	isdcnf.dll

Portal always uses first interactive slot on CODA 11.3

Problem	When the Crescendo Portal logs on to CODA 11.3 it did not specify a slot to be used, so it defaulted to the first interactive slot.
Workaround	-
Solution	Added coding so that the in the settings specified slot is used.
Components	Isdmh.exe

Validation interactive slot setting on CODA 11.3

Problem	Desktop does not check the validity of the interactive slot setting.
Workaround	-
Solution	Added coding so that the in the settings specified slot is validated.
Components	Desktop.exe

Added connection information

Problem	Desktop showed only 'XMLi' as the active connection.
Workaround	-
Solution	The Desktop is now showing more accurate connection information in both the status bar and the Information window.
Components	Desktop.exe

Added a message on the screen when ex/importing settings with the Application Manager

Problem	When settings were imported or exported via the application Manager, no message appeared at the end, so it looked like it was not finished.
Workaround	-
Solution	Added a message that says that the importing or exporting is finished..
Components	Application Manager.exe

Generate license file

Problem	In the Configuration panel when generating a license file, the CODA-Financials version reports 0.0
Workaround	-
Solution	Fixed coding so that the correct CODA-Financials version is reported.
Components	Isdcfi.dll

CAPS Lock in Desktop

Problem When entering a password to logon to the Desktop, a tooltip was shown informing the user that CAPS-lock is on, even when it was not.

Workaround -

Solution Fixed coding.

Components Desktop.exe

Version 3.0.007

Configuration applet

Problem In some cases after configuring the service, the button to start the service was still disabled.

Workaround Close the applet and start it again

Solution Changed the code enable the button

Components isdcpla.exe

Problem Starting the Application manager using the explorer is inconvenient.

Workaround -

Solution Added a button to the configuration applet to start the Application manager.

Components isdcpla.exe

Problem When clicking on the tab 'Customer Settings' on an Oracle database, error 'Not a single group group function' could occur .

Workaround Change the type of driver on the 'Database Connections' tab to 'Oracle for Oracle'. When all settings are entered, change the type of driver back to 'Oracle for Microsoft'.

Solution Changed the lock type of the database to 'Read-only' while filling the combo box containing the customer names.

Components isdcpla.exe

Problem A license file cannot be created when a customer name contains the following characters: \:*?"<>|

Workaround Don't use those characters in the customer name.

Solution Added validation so that those characters cannot be entered.

Components isdcpla.exe

Account code validation problem when using begin/end dates

Problem When on certain elements in CODA the begin and/or end dates are filled, the account code is validated as "invalid", due to the year/period setting.

Workaround (Temporarily) remove the begin/end dates from the element

Solution Added the year/period to the account code validation.

Components Iscfi.dll, Document manager, Line editor

Account code validation fired multiple times

Problem Sometimes the account code validation fired multiple times, when only a single one was required, causing performance loss.
Workaround -
Solution Changed code
Components Isdctrl.ocx

Typo in Desktop

Problem Message "Could not log on to CODA-Financials...." Contained a typo.
Workaround -
Solution Changed resource file.
Components Desktop.exe

Customer select screen shows when importing masters

Problem When importing selector or presenter masters the customer select screen is shown, before selecting the file to import.
Workaround -
Solution Changed code
Components PresenterMaster.exe, SelectorMaster.exe

Stored procedure on Unicode was trying to read userref4 to 6.

Problem On a Unicode environment when validating update docline items, the stored procedure isd_sp_validatedoclineupd tried to read usrref4 to 6. These fields do not exist.
Workaround -
Solution Changed stored procedure
Components Scripts

UNION statement on SQL Server 2008

Problem Some stored procedures could not be created on SQL Server 2008, with compatibility level 'Server2008', because they fill variables in a UNION statement. This is not allowed on this version of SQL Server.
Workaround -
Solution Changed stored procedure
Components Scripts

Oracle Upgrade scripts

Problem Missing comma in query for copying rows for isd_matchgroup.
Workaround -
Solution Added comma in script.
Components 30_Crescendo_upgrade_from_26.sql

Problem Missing slash after driving line conversion.

Workaround Driving line doesn't exist yet in 30_Crescendo_upgrade_from_26.sql
Solution -
Added slash in script and moved this part to the
30_Crescendo_update_000_005.sql upgrade scripts for ASCII and for Unicode.
Components 30_Crescendo_upgrade_from_26.sql
,30_Crescendo_update_000_005.sql,30U_Crescendo_update_000_005.sql

Problem Unicode stored procedure isd_sp_oasfu_copyheader and
isd_sp_oasfu_creatematchgroup could not be created.

Workaround -
Solution Fixed script
Components 30U_Crescendo_sp.sql

Desktop could not start on Application server

Problem When connecting to the Crescendo application server using Microsoft Terminal
Server Client (MSTSC), the Desktop could not start: Connection Forcefully
Rejected. This is caused by incorrect reading of the computer name. Windows
reports the client name of the MTSC as computer name, instead of the computer
name of the server that it is connected to.

Workaround Start the Desktop on a regular client, not on the Application server.
Solution Changed coding to read the correct computer name.
Components Isdstr.dll

Document manager

Problem When year and period have been changed in edit mode also the year and period
property of the account code control should be updated. This isn't the case when
the line is modified using the save button.

Workaround -
Solution Bug fixed
Components Document Manager.exe

Problem In case of element matching when single matchgroups are loaded:
In the line tab that presents the information of the open items the document value
should correspond with the document currency instead of the element currency.

Workaround -
Solution Bug fixed
Components Document Manager.exe

Line Editor

Problem When the detail status is removed from a line, the suppcount status field in table
isd_dochead is not decreased.

Workaround -
Solution Bug fixed
Components Line Editor.exe

Problem Properties year and period of the account code control do not have the correct

values before account code validation takes place.

Workaround -

Solution Bug fixed

Components Line Editor.exe

Problem It should be possible to select the detail reference from a list in the way this is performed in the document manager.

Workaround -

Solution Added functionality

Components Line Editor.exe

'Unable to connect' message

Problem A message is shown informing the user that the Desktop cannot connect to the application server, for example when the server is not running. This message has been extended with the connect information: server name and port number.

Workaround -

Solution Extended message

Components Desktop.exe

Java 1.4.xxx cannot be found

Problem When running CODA 10.1.xxx Java 1.4 is required. If on the same machine Java 1.5.x and/or Java 1.6.x are installed then Java 1.4 cannot be found by both Crescendo and CODA XMLi. This is caused by a missing registry key that Java should have provided.

Workaround Remove all Java versions except Java 1.4.x. The key is automatically created. Or: create the required registry key by hand.

Solution Changed coding to automatically add any missing registry keys.

Components Iscfi.dll

Oracle Unicode

Problem When running calculate matching on a Unicode – Oracle environment a character set mismatch occurs.

Workaround -

Solution Changed coding for query.

Components isdbe.exe

Calculate matching

Problem When an error occurred in the procedure ReadMatchgroup the application hangs and keeps on logging.

Workaround Kill process on the server.

Solution Improved error trap.

Components Isdbe.exe

Selector / Presenter

Problem Comparing Year/Period of the open item with the bankstatement line didn't work.
Workaround -
Solution Added the possibility.
Components Isdsp.dll

Problem When a presenter is used for sorting dates in a filter rule on SQL server, an error message occurred during the filter process.
Workaround -
Solution Fixed coding.
Components Isdsp.dll

Problem With a selector for searching open items in CODA via filtering it is possible to compare line/header information of the bankstatement with the open item. The same functionality was not available yet via the search action in the document manager.
Workaround -
Solution Added functionality.
Components Isdsp.dll, DocumentManager.exe

Preparation multiple services

Problem -
Workaround -
Solution Changed coding for future support of multiple services.
Components isdcnf.dll

Version 3.0.008

Create FollowUp Program

Problem When creating FollowUp Documents with this program, a database error occurred: "Invalid column name 'DrivingElementLevel'".
Workaround -
Solution Execute the script '30_Crescendo_update_005_008.sql' (or, in case of a Unicode database, the '30U_Crescendo_update_005_008.sql' script)
Components Database scripts.

Preparation multiple services

Problem -
Workaround -
Solution Changed coding for future support of multiple services.
Components isdcnf.dll

Control Library - Account code control

Problem	When the account code is not filled out with dots manually during editing then a validation error occurs, so this should rather take place automatically.
Workaround	-
Solution	Changed functionality
Components	Isdctrl.ocx

Removed Obsolete Menu Items

Problem	Some menu items in Crescendo programs were no longer used.
Workaround	None. The items didn't work anymore, so nothing happened when you clicked one.
Solution	Removed the menu items.
Components	Document Manager.exe, LineEditor.exe, DiaryMasters.exe, SelectorMaster.exe, PresenterMaster.exe, FollowUpOAS.exe

Automatic detection of Unicode

Problem	-
Workaround	-
Solution	Added todiong to automatically detect a Unicode environment when configuring a database connection.
Components	Isdcnf.dll

Multiservice

Problem	Only one service per application server was supported.
Workaround	-
Solution	Added a service manager to add and remove services. Changed the configure applet to support multiple services. Changed the Desktop to support multiple services.
Components	Multi Service Manager.exe, Desktop.exe, isdccpl.exe

Version 3.0.009

Searching for elements

Problem	When searching for elements, it was not possible to use the IBAN bank account number.
Workaround	-
Solution	Added functionality to search with help of IBAN accounts. If you want to do that, fill in the IBAN account number in the bank account number field.
Components	isdctrl.ocx. It manifests itself in all user interfaces that enable you to search for an element in the account code control.

Export settings to a text file

Problem	When settings were documented, it was a lot of work to do that by hand and to keep the documentation up to date.
Workaround	-
Solution	Added functionality to make an export of the settings and save them to a text file. In this way, it is possible to keep them with the documentation.
Components	Application Manager.exe

Calculate matching

Problem	In an Oracle environment with lite drivers spaces were added in the Flag field of the table isd_matchline.
Workaround	Introduce trigger on database to trim field
Solution	Added trim in source code.
Components	isdbe.exe

Element conversion from 2.6

Problem	In the upgrade script that converts the database from a 2.6 to a 3.0 database, element upgrade queries were included, but due to the new method of element posting (using the element engine), it is not possible to convert this data. Therefore, make sure there are no elements in the isd_element (and linked tables) that are not posted yet. If there are, you need to fill the elements again after conversion.
Workaround	Skip the 'insert into <element tables> select from <element temp tables> queries from the upgrade scripts.
Solution	Removed the element upgrade scripts from the script.
Components	The 30_Crescendo_upgrade_from_26.sql scripts.

Selector Master

Problem	In the Dutch language status 'B van Beschikbaar' was shown instead of 'O van Open voor betaling'
Workaround	Ignore the text, functionality is correct.
Solution	Adjusted the text.
Components	XML configuration file

Oracle scripts

Problem	The use of the table owner is case sensitive in Oracle.
Workaround	-
Solution	Converted all owners to uppercase in compare actions (where clause of query)
Components	30U_Crescendo_upgrade_from_30.sql, crescendo_user.sql, crescendo_schema.sql, 30U_Crescendo_sp.sql, 30_Crescendo_sp.sql, 30_Crescendo_update_008_009.sql, 30_Crescendo_upgrade_from_26.sql, 30U_Crescendo_update_008_009.sql

Duplicate bank accounts

Problem	When the match level on a document line changes by either the filter process or by a user using the Document manager, Crescendo might store a duplicate bank account on a different match level. During posting of a document this results in an error "sub query returns more than one value", leaving one document posted in CODA and the original document available in the Document manager.
Workaround	Delete duplicate bank account using the Bank Details manager
Solution	Changed stored procedures so that the same bank account number cannot be used on different match levels.
Components	30U_Crescendo_sp.sql, 30_Crescendo_sp.sql

Change of match level

Problem	When an account code on a document line is changed to an account code not containing a matchable element an error might occur during the posting of this document: "Cannot insert NULL ..."
Workaround	Delete bank account using the Bank Details manager
Solution	Changed stored procedures so that bank account numbers will be removed when the match level = 0.
Components	30U_Crescendo_sp.sql, 30_Crescendo_sp.sql

Account code validation

Problem	When an element has a start date, but no end date, and account code containing this element is wrongly validated as incorrect.
Workaround	Add an end date to the element
Solution	Changed stored procedures so that checking of begin and end date is left to the CODA account code validation
Components	30U_Crescendo_sp.sql, 30_Crescendo_sp.sql

Application manager

Problem	When starting the Application manager sometimes an error occurred: Wrong number or types of arguments in call to "ISD_SP_INSERT_APPLICATION"
Workaround	Contact InterStaff for a repair query.
Solution	The error is caused by "old" data, which causes the tables isd_applicat and isd_settings to be non-synchronized.
Components	ApplicationManager.exe

Document 'hangs' in filtering

Problem	In some cases deleted supplement documents were selected for filtering, but not processed. In this case a batch remained in use, and regular documents could not be processed/filtered.
Workaround	-
Solution	Changed stored procedures so deleted supplement documents are not selected.
Components	30U_Crescendo_sp.sql, 30_Crescendo_sp.sql

Extended Softdate Support in DateFunctionsObject

Problem	Softdates as used in CODA's element Terms weren't supported in the function: correctsoftdate.
Workaround	-
Solution	Added a new function: GetTermDate.
Components	Isddfo.dll

Distribution of documents and matchgroups

Problem	When more than one batch is configured multiple engines were waiting for each other's task to finish.
Workaround	Configure different batch ranges
Solution	Changed distribution stored procedures
Components	30U_Crescendo_sp.sql, 30_Crescendo_sp.sql

Document Manager

Problem	In Fixed columns selection (View menu): Sometimes, the bug "not a GROUP BY expression" occurs when using aggregate functions on oracle. This happens only on some drivers, and is caused by ADO. ADO adds field "rowid" to queries with aggregate functions.
Workaround	Use a different driver
Solution	Before getting a record set based on a query with an aggregate function, the databases property 'Lock type' is set to 'Read-only'. After the record set is built, the Lock type is set back to 'Optimistic'.
Components	Document Manager.exe

Problem	When uncoupled match groups are loaded, no discount/write off information is displayed in the columns of the grid.
Workaround	-
Solution	Bug fixed in database view 'mlineno2'
Components	Document Manager.exe

Selector / Presenter master

Problem	When the user is prompted to enter the document number in the Selection prompts screen, it is necessary to fill out the value with leading spaces to 12 positions.
Workaround	Type leading spaces in the input field when the selector has a prompt for the document number.
Solution	Fill out the leading spaces in the program code.
Components	Isdsp.dll

Problem	When the user is prompted to enter a value in the Selection prompts screen while the 'like' operator is being used, the input field isn't accessible.
Workaround	-
Solution	Bug fixed
Components	Isdsp.dll

Version 3.0.010

Application Manager

Problem	In the query that is used to get applications from the database, a space was missing.
Workaround	None, the missing space didn't caused an error.
Solution	Added the missing space.
Components	ApplicationManager.exe
Problem	Bug in export function: When the proposed xml file is chosen, then the message 'No folder was defined for storage of XML files' appears.
Workaround	-
Solution	Bug fixed
Components	Isdcnf.dll

Missing column in CreateFollowUp program

Problem	In the create follow-up program, the column 'drivingelmlevel' was missing. Instead, an unnecessary column 'drivingline' existed.
Workaround	Rename the column 'drivingline' to 'drivingelmlevel'.
Solution	Added a script (008 to 010) to rename the column.
Components	database scripts

Single sign on / LDAP

Problem	Single sign on was not supported.
Workaround	-
Solution	Added Single sign on functionality to the Crescendo Framework and the Crescendo Portal.
Components	Desktop.exe, isdmh.exe, isdcas.exe, isdcfi.dll, isdstr.dll

Portal does not start, because of limited number of licenses

Problem	The Portal uses a CODA XMli license when it logs on
Workaround	-
Solution	It is made possible to start the Portal from within the Crescendo Desktop, in which case the Portal uses the logon information, and license, of the Desktop.
Components	Desktop.exe, isdmh.exe, Portal

Control Library - Account code control

Problem	When selected text is replaced by typing over it, the cursor jumps to the end of the input field.
Workaround	-
Solution	Bug fixed
Components	Isdctrl.ocx

Database logging

Problem	Database logging was in XML format, but queries were not shown as executed.
Workaround	-
Solution	Database logging has been changed to plain text.
Components	Isddb.dll
Problem	Error messages were shown in de application log, and omitted from the database log files
Workaround	-
Solution	Error messages are included in the database log files.
Components	Isddb.dll

Document Manager

Problem	When Update docline items are loaded while statpay and statrecon do have null values, only the first line in the grid contains information.
Workaround	-
Solution	Bug fixed
Components	Document Manager.exe
Problem	Sort order is incorrect for fixed columns which present numeric values. Also the view of the fixed columns in the 'Documents selection screen' is incorrect in case the sort order has been set for the used presenter.
Workaround	-
Solution	Bug fixed
Components	Document Manager.exe
Problem	Split line: The input fields should not be cleared after a line is added.
Workaround	-
Solution	Changed functionality.
Components	isdspIn.dll
Problem	Crash recovery: When the Document Manager or Line Editor is started, it should not check the processingclient on isd_dochead anymore to possibly recover a crashed document.
Workaround	-
Solution	Changed functionality.
Components	Document Manager.exe, LineEditor.exe
Problem	When a search action is done in an empty screen through the option Matching Actions - Search (F3), unmatched open items are loaded only, so there are no matching interface lines. In this case the menu options for posting matchgroups and for removing the undo error status should be available as they are in case matchgroups are loaded from the interface tables.
Workaround	-
Solution	Changed functionality.
Components	Document Manager.exe

Problem Reprocessing document interactively consumes 1 CODA license.
Workaround Reprocess document at the server side (delayed).
Solution Pass CODA logon token from document manager to prevent license consumption.
Components DocumentManager.exe, isdbe.exe

Selector / Presenter

Problem When the user is prompted to enter the document value in the Selection prompts screen, then input of comma as decimal sign causes an error.
Workaround Enter dot as decimal sign
Solution Bug fixed
Components Isdsp.dll

Problem When sorting of dates were required on SQL server during the filter process, the sort didn't work.
Workaround It might be a possibility to sort on the document number.
Solution Bug fixed
Components Isdsp.dll

Problem While searching open items in the document manager for only the amount of the current line, too many rows were returned.
Workaround -
Solution Bug fixed
Components Isdsp.dll

Procedure for coupling Supplement Matching Folders

Problem The dispersed matches of a BMG containing a payment relationship with more posts than is specified at 'MaxMatchLines "could be extremely large.
Workaround Divide the items of the payment relationship in CODA already into multiple, smaller batches
Solution A setting is introduced, to indicate how many lines per pay relationship are allowed within a BMG.
Components Database scripts, procedures isd_sp_img_main and isd_sp_img_createdocline.

XMLi properties file

Problem It was not possible to control XMLi connection by means of properties file
Workaround Set the properties in the registry
Solution When creating a service an optional XMLi properties file can be configured.
Components Desktop.exe, isdch.exe, isdmh.exe, isdasvmn.dll, MultiServiceInstaller.exe

Client side log files

Problem Since multiservice was introduced it was possible to configure separate paths for server side and client side log files. However Crescendo only used the path configured for server side logging.
Workaround -
Solution Crescendo will use separate paths
Components Desktop.exe, isdch.exe, isdmh.exe, isdasvmn.dll

Starting the service

Problem Starting a service caused an instance to be created, destroyed and created again.
Workaround -
Solution Startup code changed
Components isdasv.dll

Matching

Problem New functionality. Added new setting: 'RemovePartPayments', type Boolean for removing part payments.
Workaround -
Solution Added functionality
Components isdbe.exe, isdbec.exe

Update script causes error 'No data found'

Problem When executing the database script "30_Crescendo_update_000_005" on Oracle the error "No data found" could occur
Workaround -
Solution Altered coding in the database script
Components 30_Crescendo_update_000_005.sql

Check on Batch slot on CODA 11.3 and higher

Problem Logging on to Crescendo interactively with a user that has batch slot assigned to it can cause errors during account code validation.
Workaround Log on with a normal user instead of a batch user.
Solution Added checks to prevent users that have a batch slot assigned from logging on
Components Desktop.exe

Checks on data integrity

Problem On occasion the Crescendo tables contain document headers and matchgroup headers without document lines.
Workaround -
Solution Added code to check data integrity
Components 30_Crescendo_sp.sql, 30U_Crescendo_sp.sql

Version 3.0.011

Determining username / domain

Problem	In some cases a local account was not recognized. Also this function was not fully Unicode-compatible. In some cases the Crescendo application server was not able to start when a local account was used.
Workaround	-
Solution	Changed code to recognize local account and support Unicode. Also added a validation to the Service manager to support local accounts in the format .laccount_name
Components	Isdstr.dll, MultiServiceManager.exe

Split line functionality causes error on SQL Server

Problem	When duplicating document lines an error occurs: Cannot insert explicit value for identity column in table 'isd_docrine' when IDENTITY_INSERT is set to OFF.
Workaround	-
Solution	Changed code to exclude the field 'lineid' from the query that copies document lines.
Components	isdspInn.dll

Year/Period update during coupling

Problem	When a supplement document has match groups attached to it, and is coupled to a document, these match groups were not updated with the year/period of the document. This could pose a problem when the match groups have a year/period that is closed.
Workaround	-
Solution	Changed code to update the year/period during the coupling of a supplement to a document.
Components	30_Crescendo_sp.sql, 30U_Crescendo_sp.sql

Procedure for Creating Supplement Matching Folders

Problem	On older SQLServer databases, the new (bspm version 3.0.008) procedure could cause a problem in an order by routine.
Workaround	-
Solution	Changed the position of a column name in the procedure
Components	Script 30_Crescendo_sp.sql

Document Manager

Problem	When an error occurs during filtering while a document is reprocessed immediate no error message is displayed or logged.
Workaround	-
Solution	Bug fixed
Components	Document Manager.exe

Batch distribution

Problem The batch distribution mechanism did not distribute items equally among available batches on SQL server, which resulted in decreased performance.

Workaround -

Solution Changed stored procedures to distribute items correctly.

Components 30_Crescendo_sp.sql, 30U_Crescendo_sp.sql

Version 3.0.012

Unicode

Problem Several components used the ANSI versions of Windows API-calls, causing some system information to be presented in non-Unicode.

Workaround -

Solution Changed code to support the Unicode versions of these Windows API-calls.

Components Isdstr.dll, Desktop.exe

Problem Upgrade path from ASCII database to Unicode database didn't exist yet for Oracle

Workaround -

Solution Created Oracle database scripts for upgrading from ASCII to Unicode

Components 30U_Crescendo_upgrade_from_30.sql

Year/period

Problem In some cases the current year/period was not automatically determined when logging on to CODA.

Workaround -

Solution Changed code to always read the current year/period

Components Isdcfi.dll

Inability to log on to CODA

Problem When a posting engine could not log on to CODA the controller of this engine would become unresponsive.

Workaround -

Solution Changed code to close down a controller when an engine cannot log on to CODA.

Components Isdbe.dll, isdbec.dll

Sort order when changing company

Problem When changing company in the Desktop the companies were presented unsorted.

Workaround -

Solution Changed code to sort companies.

Components Desktop.exe

'Invalid use of null' during matching

Problem	After a system crash sometimes match groups would exist with an invalid match level. This resulted in a message 'Invalid use of null', due to which no match groups were processed at all in a single batch environment.
Workaround	Change the match group manually to use the correct match level.
Solution	Added code to generate a proper error message and continue processing remaining match groups in the same batch.
Components	Isdcfi.dll

No connection file present

Problem	When the Desktop is started while there's no connection file present, the user gets the option to start the configuration. Selecting "Yes" does not start the Configuration tool, selecting "No" closes the application.
Workaround	Start "Configure" from the Windows Start menu
Solution	Added code to start the configuration tool.
Components	Desktop.exe

Message 'Logging will be disabled'

Problem	If a log folder does not exist or the user has insufficient right on this folder, the Desktop gave a message 'Logging will be disabled', suggesting the Desktop will start. It closes instead.
Workaround	-
Solution	Changed code to generate an error message with extended information and start the Desktop with logging disabled.
Components	Desktop.exe

Menu item 'Properties' does not work

Problem	The popup menu item "Properties" that shows file properties does not work.
Workaround	-
Solution	Changed code to show the properties screen
Components	Desktop.exe

Maximum number of lines for disperse match groups

Problem	When a company has elements with different element currencies and the supplement matching folder is used, then the maximum number of document lines is set to 1 for the newly created disperse match groups. Even when supplement matching folders do not contain elements that have different currencies the maximum was set to 1. This is not needed.
Workaround	-
Solution	Changed code to check for the actual use of multiple currencies per supplement matching folder.
Components	Isdbe.exe, Configure.xml

Currency decimal places

Problem	In some cases the amount of decimal places was not put on newly created match groups. This could have an effect when executing part payments, discounts or write-offs. Full payments are always processed correctly.
Workaround	-
Solution	Changed code to place the correct amount of decimal places on the match groups.
Components	30_Crescendo_sp.sql, 30U_Crescendo_sp.sql

Importing and exporting license files

Problem	When importing or exporting licenses it was possible to make a selection of applications. This sometimes led to confusion and the wrong license files were generated.
Workaround	Select all applications
Solution	Removed the option for users to select applications. The license file will contain all required applications.
Components	Isdcpla.exe

Passing Customer name in Calculate match controller

Problem	-
Workaround	-
Solution	Added passing of Customer name to the settings.
Components	Isdbec.exe

Posting follow-up documents

Problem	When none of the lines in a follow-up document will be posted, then the follow-up procedure would create a new follow-up document and leave an empty document header. Both cannot be posted or loaded in the Document manager.
Workaround	Mark at least one document line to be posted (Checkbox "exclude from follow up").
Solution	Changed code
Components	Isdbe.exe, 30_Crescendo_sp.sql, 30U_Crescendo_sp.sql

Logon problem Portal

Problem	The Portal cannot logon, showing a non descriptive message: Success.
Workaround	Do not use company codes that contain an ampersand '&'.
Solution	Changed code
Components	Isdmh.exe

Missing document lines after unsuccessful posting of a follow-up document

Problem	A follow-up document contains document lines that have an account code that contains no matchable elements. When this document is posted, but rejected by CODA then these document lines will be missing from the follow-up document. All other lines will still be there.
Workaround	-
Solution	Changed stored procedures : isd_sp_processafterdoclink, isd_sp_fudupdocline and isd_sp_fu_reintegrate_document
Components	30_Crescendo_sp.sql, 30U_Crescendo_sp.sql

'Edited' status is copied to new follow-up document lines

Problem	When a document line is copied or moved to a new follow-up document the 'Edited' status would be copied as well.
Workaround	-
Solution	Changed stored procedure: isd_sp_processafterdoclink
Components	30_Crescendo_sp.sql, 30U_Crescendo_sp.sql

Debugging

Problem	-
Workaround	-
Solution	Added debugging information to the application server.
Components	Isdqueue.exe, isdasv.dll, isdsasvmn.nll

Import Settings

Problem	An error occurred while importing the values of the isd_docmapping table.
Workaround	Call Interstaff to ask for an import script for this table.
Solution	Added fieldtype "17" (bit) to the import routine.
Components	isdcnf.dll

Missing DatalinkID

Problem	When the datalinkid was missing in the tabel isd_matchline an error could occur when doubles needed to be removed.
Workaround	-
Solution	Double matchlines will now be removed based on matchgroupid. When datalinkID is missing, lines from isd_doclineupd tabel will not be removed.
Components	Isdbe.exe

Create FollowUp

Problem	When a checkbox was clicked on the Documents Tab before a line was clicked, an error occurred.
Workaround	Click the line you want to select, and then click the checkbox of that line.
Solution	Bug fixed.

Components FollowUpOas.exe

Problem When a button was pressed without selecting a driving element, an error occurred.

Workaround Choose driving element = 0.

Solution Bug fixed.

Components FollowUpOas.exe

Problem It was not possible to create followup documents with document numbers smaller than 12 positions.

Workaround Choose number ranges with 12 positions..

Solution Bug fixed.

Components issp.dll, FollowUpOas.exe

Character @ in external references

Problem In Crescendo it is allowed to put a @ in external references, but in CODA it isn't.

Workaround Add ASCII value 64 to setting ReplaceStringReferences and setting ReplaceStringReferencesKeyPress.

Solution Added ASCII value 64 to setting ReplaceStringReferences and setting ReplaceStringReferencesKeyPress.

Components Configure.xml

Error reporting CODA table link run

Problem During the posting of multiple documents using the CODA table link run, CODA (wrongfully) reports that a document is successfully posted.

The CODA table link log reports that a document has been posted, immediately followed by a message that the document could not be posted, without reporting other errors. The document has not been posted to the CODA books.

Because CODA wrongfully reports to Crescendo that the document has been posted the document is then removed from Crescendo and match proposal and other information related to this document cannot be processed.

Workaround -

Solution Added code to check whether a document has actually been posted. Changed stored procedure: isd_sp_processafterdoclink

Components 30_Crescendo_sp.sql, 30U_Crescendo_sp.sql

Automatic repair of documents

Problem In some cases the repair functionality doesn't work. This is caused by routines that store the windows username in lower case, while the repair functionality does not use lower case. This affects only databases that are case sensitive.

Workaround -

Solution Changed code to use the original windows user name. No transformations to lower case are made.

Components Isdbec.exe, isdbe.exe

Applications store the windows username in lower case

Problem	Some routines store the windows username in lower case. This affects only databases that are case sensitive.
Workaround	-
Solution	Changed code to use the original windows user name. No transformations to lower case are made.
Components	Desktop

Document Manager

Problem	The 'Matched items' function which starts from the Search screen (F3) might also have to show items that are part of the currently loaded document.
Workaround	-
Solution	Added functionality
Components	Document Manager.exe

Problem	Oracle environment: When a part payment is made of an amount less than 1,24 then there will be a rounding difference making the total amount is calculated incorrectly. This error also occurs in functions FIFO, LIFO and Balanced when a balance amount is calculated.
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Workaround	-
Solution	Bug fixed
Components	Document Manager.exe

Problem	Split line: The text color of the lines that have been added to the grid should be changed to white, because a darker background color as appearance setting in windows for selected items makes text unreadable.
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Workaround	-
Solution	Changed functionality
Components	isdsp1ln.dll

Problem	The screen shown when editing the detail reference number should only display supplement matchgroups having the same matchable element level as the edited document line.
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Workaround	-
Solution	Added functionality
Components	Isdctrl.ocx

Problem	A disperse document may only be loaded when it has an error status.
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Workaround	-
Solution	Changed functionality
Components	Document Manager.exe

Control Library - Account code control

Problem When double-clicking on the account code control only the element codes would be selected separately instead of the entire account code.

Workaround -

Solution Changed functionality

Components Isdctrl.ocx

Execute user SQL

Problem When running SQL code in the Application manager, the tabs did not respond correctly. The caption of the first tab would change, and changing between tabs was cumbersome.

Workaround -

Solution Fixed functionality

Components ApplicationManager.exe

Locking on isd_dochead

Problem In exceptional cases a locking error would show on the table isd_dochead. This was caused by two engines accessing the same data at the same time. One process would be chosen as a deadlock victim, causing that engine to close down.

Workaround Start the engines in different jobs on different times of the day.

Solution Fixed functionality

Components isdsupp.exe

Element Posting Engine

Problem When posting elements while the settings DeleteCodeMedia or DeleteCodeGroup where empty, all records from the tables oas_grplist or oas_medialist where deleted.

Workaround Enter a value in these settings that does not exists as a master fot media or group codes.

Solution When these settings are empty, value ISD_DELETE_X will be used as default. In the Configuration.xml, value ISD_DELETE_X is set as a default value for these settings.

Components isdbe.exe, configuration.xml

Version 3.0.013

Create FollowUp

Problem	The bug that was solved in version 12 ("It was not possible to create followup documents with document numbers smaller than 12 positions.....") was solved at two places: issp.dll, FollowUpOas.exe. Because of the bug fix in isdsp.dll, the fix in FollowUpOas.exe was over complete and not necessary.
Workaround	-
Solution	Removed previous fix in FollowUpOas.exe
Components	FollowUpOas.exe

Web links in the Desktop

Problem	The Desktop does not start the web browser when starting a web link.
Workaround	Use this syntax: "iexplore http://....."
Solution	Fixed code
Components	Desktop.exe

Queue Controller started jobs twice

Problem	Sometimes, when there was an overlap in jobs, the Queue Controller accidentally started the same job twice
Workaround	Shut down the service, kill any crescendo processes by hand (using the windows task manager) and start the service again.
Solution	Fixed code
Components	isdqueue.exe

Undo split line functionality causes error on SQL Server

Problem	When a line split is undone in case splitting has occurred on more than one level, this results in an error: 'A cursor with the name c_doclides already exists'
Workaround	-
Solution	Fixed stored procedure: isd_sp_delete_splitlines
Components	30U_Crescendo_sp.sql, 30_Crescendo_sp.sql

Document Manager

Problem	New functionality. Added new setting: 'PostAuthorisingUser', type Boolean for updating the authuser field in table isd_dochead with the coda (logon) user when a document is posted.
Workaround	-
Solution	Added functionality
Components	Document Manager.exe

Problem	It is possible to clear the error ID of disperse and revaluation documents and forget to set the document to post. Since disperse and revaluation documents cannot be selected in the document manager when they don't have an error status, they disappear from view.
Workaround	-
Solution	Disperse and revaluation documents are set to post after clearing error status.
Components	Document Manager.exe
Problem	Document status protected = 1 didn't always give the required results for editing/removing.
Workaround	-
Solution	Document status protected = 1 means now: Adjustable and not removable.
Components	Document Manager.exe
Problem	Due to system- or environmental performance failure an Undo split could be executed on a line that has not been split causing possible loss of data.
Workaround	-
Solution	Added functionality
Components	Document Manager.exe
Problem	Matchgroups loaded from Interface tables may not be displayed if Undo match - or Update docline items are linked to them.
Workaround	-
Solution	Added functionality to Database View isdmlinfo2
Components	30U_Crescendo_sp.sql, 30_Crescendo_sp.sql

Error reporting service

Problem	Occasionally the service reports this error to the Windows event log: The Service will shutdown, because the CODA-environment has changed. This message would also appear when some other errors were supposed to be logged.
Workaround	Check the Crescendo log for the actual error message using the Log viewer.
Solution	Fixed functionality
Components	Isdasv.dll

Incasso / Excasso processing on SQL server with 7 elements in Account code

Problem	Incasso / Excasso processing on SQLserver with 7 elements in Account code gives error in CODA during booking, because of an unnecessary dot behind element 7.
Workaround	-
Solution	Fixed stored procedure: isd_sp_img_main
Components	30U_Crescendo_sp.sql, 30_Crescendo_sp.sql

Status flags

Problem	In some cases documents and match groups were visible and could be altered during the processing of related data.
Workaround	Do not modify this information.

Solution Changed code so that the batch engines and user interfaces use exact status field checking.

Components Isdbe.exe, isdbec.exe, isdsupp.exe, 30U_Crescendo_sp.sql, 30_Crescendo_sp.sql

XMLi invalid characters

Problem Sometimes CODA masters contain characters that are invalid for use in XML. For example '&'. CODA would not understand these XML-messages and the request would fail.

Workaround Do not use invalid characters.

Solution Changed code to allow these characters by including the CDATA node in the XML messages.

Components Isdcfi.dll

XMLi message logging

Problem Crescendo did not have an option for logging of XMLi messages.

Workaround -

Solution Added code to enable logging of XMLi messages. Logging is enabled by setting the global setting 'Debug' to Boolean 'True'.

Components Isdcfi.dll, Desktop.exe, isdbec.exe, isdbe.exe, Document manager.exe, Line editor.exe

Account code validation

Problem When in CODA in the functional security the option for account code validation is disabled, Crescendo would just report that the account code is invalid, without a proper notification as to the cause.

Workaround In CODA Enable access to account code validation through XMLi.

Solution Added code to display a proper message. The message CODA reports is "You do not have access."

Components Isdcfi.dll

Lost database connections

Problem When Crescendo encounters unstable networks or databases, connections to those databases are lost. Crescendo cannot function correctly when a database connection is lost. It will therefore attempt to close down the application in which the connection was lost.

Workaround Restart the application that lost its database connection.

Solution Added code to attempt to reestablish a database connection once it has been lost. Also message will be logged in the database log when this occurs.

Components Isddb.dll

Missing settings or parameters

Problem When reporting a missing setting or parameter, the log viewer would show this message: "Log text not found!**Parameter**"

Workaround Add the setting or modify the value of the setting.

Solution Changed code to report the correct error message.

Components Isdbec.dll

Application Manager

Problem	While managing the masters of an application, errors can occur when adding or removing of the columns and rows isn't done in the right way.
Workaround	-
Solution	Fixed functionality
Components	Application Manager.exe

Control Library

Problem	Because of the fix in version 3.0.012 that solved the problem that also supplement match groups with matchable elements other than the matchable element of the edited document line where shown, a problem occurred in the Supplement Matching Folder Manager. When loading the created match groups, a message appeared that no match groups were created to show.
Workaround	-
Solution	Fixed functionality
Components	Isdctrl.ocx

Server stability and debugging

Problem	The application server uses an out-of-process component called isdqueue.exe. If this component crashes, the application server shuts down immediately, without first closing down engines that might have been started. Also the application server provided insufficient debugging information.
Workaround	-
Solution	The application server will first close down any engines that might have been started, and waits for them to close, before it shuts down. Also debug information has been added.
Components	Isdasv.dll, isdasvmn.dll

Service manager

Problem	It is not possible to save a service configuration to a file.
Workaround	-
Solution	The service manager has the ability to save the current service configuration to a file. This can be used for documentation, but in future releases this will be used to import a service configuration as well.
Components	MultiServiceManager.exe
Problem	It is not possible to change the domain account on an installed service.
Workaround	Remove and create the service.
Solution	The service manager now has the ability to change domain accounts.
Components	MultiServiceManager.exe, Interstaff.Service.Controller.dll
Problem	Starting with version 11.3, CODA uses an interactive slot as part of their licensing model. Current versions of Crescendo store this value in the global settings. To configure this setting, one would have to logon to the server with the service account and start the Application manager. Service accounts are generally not allowed interactive logons, especially in combination with RDP.

Workaround -
Solution Preparations have been made to store the interactive slot when configuring the service.
Components MultiServiceManager.exe

Client and Server side logging

Problem When configuring a service you have to provide two paths for logging: server logging and client logging. However not all components made the distinction between these two paths.
Also, in complex networks (.f.e. multiple domains) it is not possible to validate client log folders on the application server.

Workaround Use a common folder or share that can be validated at both the server and clients.

Solution The various paths will be passed by the server to the clients and components through messages instead of through the connect string.

Components MultiServiceManager.exe, Application manager.exe, Desktop.exe, DiaryMasters.exe, Document manager.exe, isdbe.exe, isdbec.exe, isdsupp.exe, LineEditor.exe, PresenterMaster.exe, SelectorMaster.exe, isdasvmn.dll, isdch.exe, isdmh.exe, isdqueue.exe, isdcpla.exe, isdai.exe

Missing disperse matchgroups

Problem When a supplement match folder was created while the process for posting and matching another supplement matchgroup was still running, the disperse match group that were not posted yet would be deleted.

Workaround Do not create supplement match groups while running the process for posting and matching another supplement matchgroup.

Solution Changed the mgcoupled status of the supplement matchgroups.

Components procedure isd_sp_img_main.

Version 3.0.014

Logging when debug parameters is enabled

Problem Some applications would not automatically create a log folder or start logging when either "DatabaseLogging" or "Debug" is enabled. As a result some of these applications would fail to start

Workaround Create the folder by hand.

Solution Changed code to automatically create the folder.

Components Isdqueue.exe, isdasvmn.dll, ApplicationManager.exe, Conversion26_30.exe, Desktop.exe, LineEditor.exe, isdbec.exe, isdbe.exe, isdcnf.dll, isdcpla.exe, isdlog.exe

Importing log messages

Problem The content of log messages would only be updated when the flag "Replace" is enabled. Log messages would *not* be updated when settings are preserved.

Workaround	Import the settings with the option “Replace” and set the values of settings by hand.
Solution	Changed code so that log message will always be updated not independent of the flag “Replace”.
Components	Isdcnf.dll

Selecting a file when importing settings

Problem	Selecting the folder “..\XML\Config” to select new configuration files was bothersome.
Workaround	Select the folder by using the “...” button.
Solution	Changed code so that the “Config” folder can be selected from a list.
Components	Isdcnf.dll

Service could not start

Problem	In some domain configurations the check on domain account name “.local” would be added to the domain name, which caused the service to shut down.
Workaround	Add “.local” to the account name using the Crescendo service manager.
Solution	Removed the check on account name from the service.
Components	Isdasv.dll, isdset.dll

Version info button

Problem	The version information of installed products could not be reached easily when the Desktop cannot be started.
Workaround	Look in “Add/Remove programs”
Solution	Added a button to Crescendo Configure.
Components	Isdcpla.exe

Added check on batch slot

Problem	It was possible for batch processes to use a coda user that was assigned for interactive use.
Workaround	-
Solution	Added a check on the batch slot of the coda user.
Components	isdbec.exe

Added notification when license is about to expire

Problem	The Desktop did not notify the user when the license is about to expire.
Workaround	The expiry date is shown in the Information box of the Desktop.
Solution	Added a notification when the current date is within 7 days of the expiry date.
Components	Desktop.exe

Notification when creating a service

Problem	When a service is created on a CODA-environment, and multiple services are
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installed for this environment, a notification was displayed showing only one service name.

Workaround -

Solution The notification has been updated, so that all service names are displayed.

Components MultiServiceInstaller.exe

Error message would not be cleared

Problem When there is an error during the creation of a service, an error message is shown. After going back through the wizard and correcting the error, the service is created but the error message is not cleared.

Workaround -

Solution Changed code to clear the message

Components MultiServiceInstaller.exe

Connection time out and Command time out

Problem The value for the parameters "Connection time out" and "Command time out" could not be "0".

Workaround -

Solution Changed the code to allow for the value "0".

Components MultiServiceInstaller.exe

Use with caution: setting the value to "0" could result in indefinite waits.

Referential integrity between log messages and document lines

Problem When part of the primary on a document changes the log messages were not updated to the new primary key. This would show when a filtered supplement document would be coupled to a normal document: the log messages for the coupled document lines are not visible in the Document manager.

Workaround The log messages can be viewed using the Log viewer.

Solution The referential integrity on the database has been enhanced.

Components 30U_Crescendo_sp.sql, 30_Crescendo_sp.sql

Line posting engine does not start

Problem The line posting engine does not process the setting for the log folder correctly resulting in an error message and a failure to start.

Workaround -

Solution Fixed the code so that the setting is processed correctly.

Components Isdbec.exe

Garbage collector reports a referential constraint error on Oracle

Problem On Oracle a referential constraint error would occur when a document is deleted and entries in the matchjoin table exist for this document

Workaround -

Solution The referential integrity on the database has been enhanced.

Components 30U_Crescendo_sp.sql, 30_Crescendo_sp.sql

Check on incomplete settings on UndoMatchEngine

Problem	The Undo match engine would start, even when the setting "UndoMatchingMasterCode" exists, but does not contain a value. In this case some undo match items could not be processed correctly.
Workaround	Set the setting "UndoMatchingMasterCode" to an appropriate value.
Solution	A check has been added to the startup function of the engine: the engine will not start when the setting "UndoMatchingMasterCode" does not have a value.
Components	Isdbec.exe

Calculate match engine shows BatchID:0

Problem	The Calculate match engine generates a message reporting the amount of items processed. This message shows BatchID: 0 when it is run interactively.
Workaround	-
Solution	Changed the message so that it does not include the BatchID.
Components	Isdbe.exe

Connect.crs file in Windows system folder

Problem	The connect.crs file, which contains the server connections on a client, was stored in the Program Files folder of Crescendo. This is a system folder. On Windows Vista and higher User Account Control Data Redirection is enabled which writes the connect.crs file in a user specific location (VirtualStore), if the user does not have write permissions in the Program Files folder. In this case it would not be possible for a Crescendo user to switch to different environments.
Workaround	Provide the user account read/write access on the Program Files\InterStaff Crescendo folder and sub folders.
Solution	Changed location where the connect.crs file is stored to the Common Application Data folder.
Components	Isdcpla.exe, Desktop.exe, isdch.exe, connect.crs

Update document line items have wrong status when in error

Problem	When update document line items cannot be processed by CODA-Financials they were marked with both errorid = 1 and deleted = 1. As a result the items cannot be accessed by the Document manager.
Workaround	-
Solution	There stored procedure isd_sp_process_after_dlpd has been corrected.
Components	30U_Crescendo_sp.sql, 30_Crescendo_sp.sql

New vocabs

Problem	New functionality: Add new vocabs for oas_element.elmstat and oas_element.statmemo.
Workaround	-
Solution	Added vocabs

Components Configuration.Crescendo.xml

Log folder check when configuring a connection

Problem When configuring a connection, Crescendo performs several checks. One of these checks is whether the client log folder exists and is writable for the current Windows profile. In this check the wrong folder was used. If for the current profile the folder is not accessible then the connection will not be stored.

Workaround Create the client connections on the application server and copy the connect.crs file, or use a folder that is accessible on both the application server and clients.

Solution Changed code to use the correct path.

Components Isdcpla.exe, isddb.dll

Document Manager

Problem Coupled supplement matchgroups within a document aren't available when the document has a deleted status before it is processed by the garbage collector. So when a document is removed then the coupled supplement matchgroups should be disconnected.

Workaround -

Solution Added functionality

Components Document Manager.exe

Problem When a document is being removed through the 'delete' button on the 'Select documents screen', then a message could incorrectly appear saying that the document is opened by another user.

Workaround -

Solution Bug fixed

Components Document Manager.exe

Problem Due to serious system- or environmental performance failure the comment of a document line could be cleared when it is modified and saved.

Workaround -

Solution Changed functionality

Components Document Manager.exe

Create FollowUp Documents with the Create FU Program

Problem When creating a follow up document that has a follow up document as source document using the Create Follow-up program, the new created document wasn't postable.

Workaround -

Solution The fields origcmpcode, origdoccode and origdocnum are now filled with the document key information from the original source document instead of the document key information from the follow up document.

Components FollowUpOas.exe

Version 3.0.015

Calculate match engine

Problem	Calculate match engine (delayed and batch) logged batch ID instead of number of processed items.
Workaround	-
Solution	Changed code.
Components	isdbe.exe

Control Library - Account code control

Problem	A specified element group selection is not performed in the element finder.
Workaround	-
Solution	Bug fixed
Components	Isdctrl.ocx

Line Editor

Problem	When the lines are closed the 'in use' status is not always cleared from the related documents in case there are lines loaded that have different document codes.
Workaround	-
Solution	Bug fixed
Components	Line Editor.exe

Element posting controller

Problem	When a setting is missing, a wrong log message appears.
Workaround	-
Solution	Bug fixed
Components	isdbec.exe

Import Settings

Problem	Due to a bugfix in an earlier version, it was no longer possible to import settings when Crescendo was installed from scratch, or when an update was done from a Crescendo 2.6 version. Only upgrades from a Crescendo version 3.xxx would work.
Workaround	-
Solution	Bug fixed
Components	isdcnf.exe

Document Manager

Problem Regarding a document that has been recovered at the start of the Document Manager: When a matchgroup is manually created, the yr and period in table isd_matchgroup are saved with zero values.

Workaround Load documents through menu 'Document' when matching actions must be performed.

Solution Bug fixed

Components Document Manager.exe

Problem When the value date is set as matching date in the first manually created matchgroup, this date is also used by further matchings.

Workaround -

Solution Bug fixed

Components Document Manager.exe

Problem The valid posting period should be determined by the security level and -group settings of the batch user instead of the logon user.

Workaround -

Solution Changed functionality

Components Document Manager.exe

Unexpected shut down of engines

Problem Sometimes engines would report an error message 'Invalid use of null' and subsequently shut down.

Workaround -

Solution Bug fixed

Components isdbec.exe

Year/period not defined causing error in undo match

Problem Undo match items cannot be processed due to the master Year not being defined. This results in these CODA-Financials log messages: This value cannot be less than 1./UndoMatchingRequest/UndoMatches/Request/Period

Workaround Create a master Year and define periods.

Solution Added a check and a better log message.

Components isdbe.exe

Obsolete code in the Posting engine

Problem The Posting engine contained obsolete code in the Follow-up module, which read application settings, but never used these settings.

Workaround -

Solution The code has been removed.

Components isdbe.exe

Selector presenter engine

Problem For internal use: system vocabs can now be communicated in a random order instead of only ascending. The reason for this is to make more complex 'and/or' structures possible in the document manager.

Workaround -

Solution The code has been added.

Components isdsp.dll, configure.xsd

QueueController

Problem When a Job is starting, sometimes a Job-step would accidentally start more than once.

Workaround -

Solution Bug fix added to prevent a Job-step from starting more than once.

Components isdqueue.exe

Excessive error reporting by the log object

Problem In case of a database connection error on Oracle, the log object would write a log line every second.

Workaround -

Solution Changed code so that similar errors will be logged just once.

Components isdlog.exe

Improved performance when writing log messages

Problem The log object would write all log messages at once, not granting any processing time to other applications using the log object. These applications would freeze while the log object is writing many log messages.

Workaround -

Solution Changed code so that log messages are written to the database in short bursts and with a limited amount of messages at once. This will free up processing time for other applications. As a result the overall performance of the Crescendo engines and applications is improved.

Components isdlog.exe

Improved usage of database connections

Problem The log object would open a database connection when started, and keep this connection open until the object is no longer used. The connection would stay open, even when there are no messages to be logged.

Workaround -

Solution Changed code so that log messages are written to the database in short bursts and with a limited amount of messages at once. Also the heartbeat will only be active when there are messages to be logged. This will free up processing time for other applications. As a result the overall performance of the Crescendo engines and applications is improved.

Components isdlog.exe

Shutting down the application server causes incorrect log message

Problem	The application server checks at regular intervals whether the QueueController is still running. When shutting down this check is not disabled and could cause the incorrect log message: 'QueueController has crashed.'
Workaround	-
Solution	Changed code so that this check will not occur during a shut down.
Components	isdasvmn.exe

Query command time-outs when executing stored procedures

Problem	Upon slow execution of stored procedures the default command time-out of 30 seconds would be used, instead of the configured command time-out. Time-out messages are reported in the logs and the engine in which this error occurs will shut down.
Workaround	-
Solution	Changed code so that the configured command time-out is used.
Components	Isddb.dll

Version 3.0.016

Database transaction causing locking

Problem	In some cases stored procedures or queries would fail on SQL server due to locking.
Workaround	Use larger intervals
Solution	Changed code so that transactions would be used less in combination with stored procedures.
Components	isdbe.exe, isdbec.exe

Update docline items would remain marked

Problem	When the matching engine processes match groups it marks related information, like update docline items. When an error during processing would occur, the match groups would be released, however the related information would remain marked. As a result these items would not be visible until the error is resolved and the match groups are posted.
Workaround	-
Solution	Changed code so that the related items will be released in case an error occurs.
Components	isdbe.exe

Update docline engine does not log XMLi messages

Problem	When the update docline engine processes items, it should log XMLi messages when in Debug mode, but does not.
Workaround	-
Solution	Changed code so that XMLi messages are logged.
Components	isdbe.exe

Resorting match lines

Problem	In case match groups need to be sorted again and a presenter with more than one sort column is used the database will return an error. A resort will only happen when a match group was filled via more than one selector or via more than one presenter or when priorities were used.
Workaround	If possible, sort on at most 1 column in the presenter.
Solution	Removed the 'distinct' in the sub-query that re-inserts the match lines.
Components	Isdsp.dll

New vocab for presenting open items

Problem	Now it is possible to create a presenter with a vocab that shows what action was responsible for the open item.
Workaround	-
Solution	Added code.
Components	Isdsp.dll, 30_Crescendo_update_015_016.sql, 30U_Crescendo_update_015_016.sql

Updating the field 'deleted' deletes too much

Problem	When the field 'deleted' is updated the trigger 'isd_tr_dochead_delete' is executed. However this trigger would not check for the value the field 'deleted' would change to. So an update to value '0' would also mark related information for deletion. This problem only occurs on SQL Server.
Workaround	-
Solution	The trigger has been changed to check the new value of the field 'deleted'.
Components	30U_Crescendo_sp.sql, 30_Crescendo_sp.sql (SQL Server only)

Documentation: XMLi rights

Problem	In the documentation, one of the required XMLi rights was UserMasterRequest - Update. This was not correct, it should be UserRequest – Update.
Workaround	-
Solution	Changed documentation.
Components	Crescendo Installation_Upgrade Guide.pdf, Crescendo Installation_Upgrade Guide.docx

Application Server stopped because of Queue Controller Crash

Problem	Sometimes, the Application Service would shut down unexpectedly. In the Windows Event Viewer, it would leave the entry "The service will shut down, because the Queue-controller crashed."
Workaround	Start service again by hand.
Solution	The Queue Controller didn't really crash; it shut down because it thought that the application service was gone. Removed check for Application Service at that specific place.
Components	Queue Controller.exe

Added 'Rows affected' to the database logging

Problem	-
Workaround	-
Solution	The amount of rows affected by execute and select queries has been added to the database log.
Components	isddb.dll

'No data found' error message when logging on to Crescendo

Problem	When a user tries to log on to the Desktop or Portal and the maximum number of concurrent users according to the license has been reached, a message is shown that the user cannot log on. In the log an error is reported 'No data found'.
Workaround	Purchase additional licenses
Solution	A stored procedure has been changed so that the 'No data found' error message will not be generated.
Components	30_Crescendo_sp.sql, 30U_Crescendo_sp.sql

Improved error messages when unable to log on to Crescendo

Problem	When a user tries to log on to the Desktop or Portal and CODA-XMLi reports an error, the messages are shown in reverse order. Also the standard message "Check your user name/password" can be confusing. Sometimes, when trying to log on for the second time and error message "Object variable or with block variable not set" is shown.
Workaround	Take action according to the message shown and try to log on again.
Solution	Error messages have been improved.
Components	Desktop.exe, isdcfi.dll

Error: 'Invalid duration' in several engines after service stop

Problem	Sometimes, when the application server stopped unexpectedly and Job steps were started again after a restart, the error 'Invalid Duration' would appear in several engines. After that, the Job step would stop.
Workaround	Start the Job steps by hand.
Solution	Changed code in Queue Controller that calculates the new duration.
Components	Queue Controller.exe

Duration of Job-steps after a service stop was too long.

Problem	When a Job was restarted after a service stop, it would start with the original duration instead of the remaining time.
Workaround	-
Solution	Changed code in Queue Controller that calculates the new duration.
Components	Queue Controller.exe

Document Manager

Problem When a matchgroup is created manually on basis of the open item, then the value date of the matching interface line or the date according to the application setting 'MatchingDateID' must be saved as matching date.

Workaround Create a matchgroup on basis of the interface line.

Solution Changed functionality

Components Document Manager.exe

Problem When element matching is performed manually, then the value date of the interface line on which the currency rate is based is held into memory, so the following loaded document uses also this date to calculate the element value.

Workaround Restart document manager after finalizing a document in which element matching is performed.

Solution Bug fixed

Components Document Manager.exe

Calculate match distribution

Problem The distribution process for calculate match would not check for other statuses. In rare occasions this would result in the calculate match engine starting each interval without processing any match groups.

Workaround -

Solution Changed functionality

Components 30_Crescendo_sp.sql, 30U_Crescendo_sp.sql

Version 3.0.017

Improve vocab 'descr'

Problem Looking for open items gave no result in Document manager when 'descr' vocab was used from table isd_matchline.

Workaround -

Solution Adjusted vocab join

Components Configuration.Crescendo.xml

Improve vocab 'days overdue'

Problem Days overdue was presented as a date instead of a number

Workaround -

Solution Adjusted vocab datatype

Components Configuration.Crescendo.xml

Optional check for existing matchlines in selector master

Problem	New functionality: In the selector masters it is now optional to choose for the setting that checks for existing matchlines (default is yes). Before it was always on.
Workaround	-
Solution	Added functionality
Components	Isdsp.dll, selectormaster.exe, presentermaster.exe, documentmanager.exe, lineditor.exe, folluwupoas.exe, 30_Crescendo_update_016_017.sql, 30U_Crescendo_update_016_017.sql

Selector / Presenter master

Problem	After adding and deleting a vocab the navigation through the list could give problems.
Workaround	Make a temporarily save
Solution	Fixed bug
Components	Isdsp.dll
Problem	Statusbar wasn't refreshed after inserting a new vocab.
Workaround	Change line
Solution	Make a refresh
Components	Isdsp.dll

Import settings

Problem	The location for the configure.xsd was determined by the location of the input file. In some cases the file could not be found, or an older version was found. If this was the case then errors could occur while importing configuration files.
Workaround	Place the correct XSD file in the configuration path.
Solution	When importing a configuration file Crescendo will look for the XSD file in the installation path of Crescendo, i.e. : C:\Program Files\InterStaff Crescendo\XML\Masters\XSD\
Components	isdcnf.dll
Issue	120003

Posting documents and generating follow up documents

Problem	When a document is posted to CODA a follow-up document might be created. A follow-up document will not be created when there are no lines left to place in the document, and a warning message would be placed in the Crescendo logs. Even though this is normal behavior of Crescendo the warning message could lead a user to think an error occurred.
Workaround	-
Solution	The warning message will no longer be placed in the Crescendo logs.
Components	isdbe.exe
Issue	120043

Error message too complicated when removing an application

Problem	When a user uses the Application manager to remove an application and this application has related data, i.e. masters, then an error message was shown stating that the application could not be removed followed by a technical message stating a conflict with a reference constraint.
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Crescendo Framework Release Notes

Workaround	This part of the message is confusing to end users
Solution	- The complicated error message has been replaced with a user friendly message. Also related log data will be deleted before an application is deleted.
Components	Application manager
Issue	120044

Migration towards .NET Framework 4.0

Problem	Some components use .NET Framework 3.5.
Workaround	-
Solution	Upgraded components to use .NET Framework 4.0
Components	MultiServiceManager.exe, InterStaff.Service.Controller.dll, Interop.Configure.dll, Interop.InterStaffADOConnection.dll, Interop.ApplicatonServerDotNet.dll, isdsrv.exe
Issue	120100

Stability of engines

Problem	Engines and their controllers use events to communicate with each other. Controllers use heart beats to perform certain tasks. However, if an engine is very busy processing data, it would not have time to handle events or requests from the controller in a timely fashion. This would result in time-outs in client applications like the Engine monitor. Also the system seemed to be unresponsive when stopping the service.
Workaround	Make sure the engines process fewer data per instance.
Solution	Changed code to minimize the amount of events generated by the controllers and engines. Also timers have been removed where possible. When controllers receive a stop command, this command will not be cascaded down to the engines. Instead new engines will not be started and the controller will simply wait until all engines have halted.
Components	isdbe.exe, isdbec.exe, isdsupp.exe
Issue	120055 and 120062

Original document key on disperse documents

Problem	When creating disperse documents based on a payment or collect batch, the disperse documents refer to the document key of the document to which the batch is coupled. In case the batch is coupled to a follow-up document it is better for reporting purposes to place the document key of the originating document on the disperse documents instead of the key of the follow-up document.
Workaround	-
Solution	Changed the stored procedure that generates disperse documents.
Components	30_Crescendo_sp.sql, 30U_Crescendo_sp.sql
Issue	120075

New setting 'Part-pay allowed' in calculate-match

Problem	Added new setting: Part-pay allowed.
Workaround	-
Solution	Added code
Components	Isdbe.exe, 30_Crescendo_update_016_017.sql, isdsplln.dll, 30U_Crescendo_update_016_017.sql, Document Manager.exe

Line Editor

Problem	Overflow error when sorting new column Matchline description.
Workaround	-
Solution	Bug fixed
Components	Line editor.exe

Document Manager

Problem	In function 'Matched open items' when using 'Not' in vocab selector.
Workaround	-
Solution	Bug fixed
Components	Document Manager.exe
Problem	When a matchgroup is created manually on basis of the open item, then the discount value must be calculated according to the value date of the matching interface line.
Workaround	-
Solution	Changed functionality
Components	Document Manager.exe
Problem	Date format errors when Regional settings in windows is set to English US.
Workaround	-
Solution	Bugs fixed
Components	Document Manager.exe

Performance Incasso/excasso on SQL Server

Problem	SQL Server could not choose the correct index when a query was executed to determine the currencies in a the current batch. This resulted in a database timeout on large databases.
Workaround	-
Solution	Query was adjusted to make it easier for SQL server to choose a proper index. A Union is used per element level.
Components	isdbe.exe

Version 3.0.018

Removed disperse document code from settings

Problem	Up until now, Crescendo disperse documents were created with the document code that was configured in the Crescendo setting "dispersedoccode". This setting does no longer exist. From now on, the document code must be provided in the document's data in the isd_dochead table.
Workaround	-
Solution	Changed code
Components	isdbec.exe, isdbe.exe, 30_Crescendo_sp.sql, 30U_Crescendo_sp.sql, 30_Crescendo_update_017_018.sql, 30U_Crescendo_update_017_018.sql

Introduced new document type '5'

Problem Introduced new document type 'Root of document split'. This are documents which are divided into several smaller documents.

Workaround -

Solution Changed stored procedure isd_sp_distdocuments.

Components 30_Crescendo_sp.sql, 30U_Crescendo_sp.sql

Match groups not removed when document lines are deleted

Problem If a match group exists, and one of the document lines in the match group is deleted, then a database trigger will remove this matchgroup. However if multiple lines are removed, then only the first match group is removed, while the remaining match group are left invalid. This problem only occurs on SQL Server

Workaround Delete the remaining match groups using the Document manager.

Solution Changed trigger isd_tr_doclone_cascade.

Components 30_Crescendo_sp.sql, 30U_Crescendo_sp.sql (SQL Server only)

New functionality: Automatically split Document line according to values of open items.

Problem To prevent disperse matching in CODA, Crescendo needs to deliver match groups with 1 on 1 matching.

Workaround Split document line manually.

Solution If the column singelopenitemmatch in the table isd_matchgroup is set to 1, the document line will be split according to the values of the open items by calculatematch.

Components Isdbe.exe, Document Manager.exe, 30_Crescendo_update_018_019.sql, 30U_Crescendo_update_018_019.sql, 30_Crescendo_sp.sql, 30U_Crescendo_sp.sql, isdspln.dll

New defaults while creating new selector/presenter masters.

Problem Datalocation CODA was used more than data location Crescendo

Workaround -

Solution Set default datalocation to CODA

Components Selectormaster.exe, presentermaster.exe.

Document Manager

Problem New functionality to split up documents.

Workaround -

Solution Added functionality

Components Document Manager.exe

Problem Details that have a calculate match status may not be loaded.

Workaround -

Solution Bug fixed

Components Document Manager.exe

Version 3.0.019

Crescendo trusted logon

Problem	If a user is logged on and in the Desktop the option 'Log off' is selected, it was not possible to connect to another user. Thus, it was also not possible to link another CODA-user to a Windows domain user.
Workaround	-
Solution	Changed code
Components	Desktop.exe
Issue	120054, 120167

Showing element shortname in document manager possible now

Problem	If one attempts to show a short name of an element level which was not filled in the account code the line will disappeared from the overview.
Workaround	-
Solution	Added code.
Components	Isdsp.dll

When disperse documents were posted, other documents were blocked

Problem	During the posting of disperse documents, Crescendo blocked other documents in the database. Therefore it was not possible to open a document while disperse documents were in the process of posting.
Workaround	Wait until the disperse documents are posted. After that, all documents are visible again.
Solution	Changed stored procedure.
Components	Database scripts 30_Crescendo_sp.sql and 30U_Crescendo_sp.sql on Oracle and SQL Server.

Engines cause application server to become unresponsive during extensive processing

Problem	Some engines do not have controllers, but communicate with the application server directly. When such an engine takes a long time processing data, it cannot respond to calls from the application server in a timely fashion, causing the application server to wait until the engine is done processing. As a result clients would not be able to login, jobs will not start in time and the engine monitor would now show updated information. Affected engines are: GarbageCollector, Email engine, LinePosting engine
Workaround	Wait until the engines are done processing, and do not refresh the engine monitor too often.
Solution	Changed code, add controllers.
Components	isdbe.exe, isdbec.exe
Issue	120062

Log folder is inaccessible and causes the Desktop to close

Problem	A client log folder has been defined when setting up the application server. Applications create subfolders in this folder, based on the Windows user name. When this folder is inaccessible because it does not exist nor has sufficient rights, applications report an error and close.
Workaround	Make sure the log folder exists and sufficient rights are set. In some cases a subfolder can be created manually with the format "username@domain".
Solution	The code of the Desktop has been changed so that it will not close down after it finds a problem with the log folder and the error message has been shown. Instead logging will be disabled and the Desktop will start as normal.
Components	Desktop.exe, isdlog.exe
Issue	120168

GarbageCollector removes empty user folder

Problem	In environments with high security it is not allowed to create subfolder, while it is allowed to remove or write into a subfolder. In such cases it can happen that the GarbageCollector removes a user folder (user@domain) and that engines or client applications cannot (re)create these folder if needed.
Workaround	Make sure the log folder exists and sufficient rights are set. In some cases a subfolder can be created manually with the format "username@domain".
Solution	The code of the GarbageCollector has been changed so that it will write a file 'lastrun.gc' in folder that match the format of user folders. This way the folder will not be empty and therefor not be deleted.
Components	isdpe.exe
Issue	120176

Technical error not reported when logging on to Desktop

Problem	When a user logs on and a technical error occurs, caused by a wrong version of XMLi router object, the Desktop simply reports that the logon failed, without reporting the cause.
Workaround	Make sure the correct version of CODA XMLi is installed on all clients and the application server.
Solution	The information in the error message has been extended, so that the message will show the cause of the error and the version of the XMLi router object that it is trying to use.
Components	iscfi.exe
Issue	120177

Document Manager

Problem	When a document is loaded and there is first opted for Search (F3) or Remove all-error matchgroups, then the first grid line is automatically selected. When this line is modified and saved, this message appears: The field 'APPID' in the key text is mandatory.
Workaround	First select a line after loading a document.
Solution	Bug fixed
Components	Document Manager.exe

Changes made regarding to jobs that won't start.

Problem	In some environments, the jobs dot not (always) start in the way they are scheduled.
Workaround	Start the jobs by hand.
Solution	Not a real solution yet, because this issue does not appear in InterStaff's test environments. But some changes are made that might solve the problem
Components	isd_queue.exe
Issue	120152

Version 3.0.020

Cleanup of processes

Problem	When an application server (service) stops, some processes might appear to run. It is desirable that the application server starts with newly created objects.
Workaround	Remove processes by hand using the Task Manager, or scripted.
Solution	Changed code so that any processes from a previous session are removed before the application server starts.
Components	isdstr.dll, isdasv.dll
Issue	120060

Added support for Microsoft SQL Server 2008 Native client drivers

Problem	In order to improve performance support must be added for Microsoft SQL Server 2008 Native client drivers
Workaround	Use default drivers
Solution	Changed code to add support for the new drivers
Components	isddb.dll, MultiServiceManager.exe
Issue	120180

Premature shut down of the application server / service

Problem	Sometimes the application server service would shut down, while there are still engines in the process of shutting down. The service should wait until all engines have shut down, before shutting down. This could result in wrong statuses in the database table isd_queue. However, these statuses are automatically repaired as soon as the service starts up again.
Workaround	-
Solution	Changed code to better process events generated by multiple threads.
Components	isdasvmn.dll
Issue	120057

Stability and performance improvements on the queue controller

Problem	On rare occasions the queue controller would not shut down after the service has shut down. Also when starting a new job _either scheduled or manually_ the queue controller would use 100% processor capacity while waiting for the acknowledgement that the job has been started.
Workaround	Delete the Queue controller manually.
Solution	Changed code to provide better stability and better use of processor capacity.
Components	isdqueue.exe
Issue	120057

Stability improvement on the application server service

Problem	On rare occasions the following message is shown in the Windows event log: <pre>Service encountered the following error in OnStop: System.Runtime.InteropServices.COMException (0x80010100): System call failed. (Exception from HRESULT: 0x80010100 (RPC_E_SYS_CALL_FAILED)) at ApplicationServerDotNet.ServiceClass.OnStop() at isdsrv.isdsrv.OnStop()</pre> This is caused by a Windows service shut down timer that would fire just after the moment that the application server has shut down. It has no further side effects, since it takes place after the service has shut down.
Workaround	The message can be ignored; it has no bearing on the workings of Crescendo.
Solution	Code has been changed for improved timing and logging.
Components	isdasv.dll, isdasvmn.dll
Issue	120157

Simultaneous service shutdowns causes error message

Problem	If multiple services are installed and all services are instructed to shut down using the Service manager, then the following error message might occur in the Windows event log: Windows detected your registry file is still in use by other applications or services. The file will be unloaded now. The applications or services that hold your registry file may not function properly afterwards.
Workaround	The message can be ignored; it has no bearing on the workings of Crescendo. When using multiple services, you could create a script which will shut the services down sequentially.
Solution	When multiple services are shut down at the same time, they all try to access the Windows registry to save user changes before the service shuts down and the session ends. However the registry file can only be opened once by one single service at a time. Code has been changed to randomize the access to the Windows registry file. This will minimize the occurrence of the message, but will not fully prevent it. Only sequential shutdowns instead of parallel shutdowns can prevent this message.
Components	isdasv.dll
Issue	120189

SQL Server error message

Problem	When using SQL Server, sometimes in the database log or event log you may find the following error: [DBNETLIB][ConnectionWrite (send()).]General network error. Check your network documentation. It is usually followed by a database query.
Workaround	-
Solution	This message indicates that a network related error occurred. Crescendo will try to reconnect broken connections. If this proves to be impossible then the engine or process will shut down as safely as possible. Upon the next run it will automatically repair data, if needed. Depending on the process in which this message occurs the application server / service must be restarted. No code has been changed.
Components	-
Issue	120181

Missing log messages

Problem	Several new log message descriptions appear to be missing after an upgrade to Crescendo-Framework 2.0.019. Though the log message itself is stored by Crescendo, the description will not be shown in the Logviewer.
Workaround	Import a new configuration file, which is available at InterStaff. Previously stored log messages will be displayed correctly.
Solution	The new messages have been added to the configuration files. These configuration files will be available in the new release, or upon request.
Components	configuration.crescendo.xml
Issue	120185

Document Manager

Problem	After a search for open items (F3) is done, moving focus from an unmatched open item to an interface line causes error: Subscript out of range.
Workaround	First focus on interface line when creating matchgroup
Solution	Bug fixed
Components	Document Manager.exe
Problem	When calculate match is executed, the applicable seqno values in table isd_matchline must be adjusted to the sort order of the matchgroup lines in the grid.
Workaround	-
Solution	Added functionality
Components	Document Manager.exe

Line Editor

Problem When a selection of all lines in the grid is edited and saved a Subscript out of range error occurs.

Workaround -

Solution Bug fixed

Components Line Editor.exe

Engines cause application server to become unresponsive during extensive processing

Problem Some engines do not have controllers, but communicate with the application server directly. When such an engine takes a long time processing data, it cannot respond to calls from the application server in a timely fashion, causing the application server to wait until the engine is done processing. As a result clients would not be able to login, jobs will not start in time and the engine monitor would now show updated information.
Affected engines are: Supplement Document Coupling Engine, Supplement Matchgroup Coupling Engine

Workaround Wait until the engines are done processing, and do not refresh the engine monitor too often.

Solution Changed code, add controllers.

Components isdsupp.exe, isdsuppe.exe

Issue 120191

Changing language in the Desktop does not have effect in started applications

Problem When a user changes the language in the Desktop, a newly started application still starts with the language that has been configured in the global settings, instead of the changed language.

Workaround -

Solution Changed code in the Desktop. The language settings are now correctly passed to the newly started applications.

Components Desktop.exe

Issue 120197

Added logging to the CODA-Financials interface

Problem In order to analyze process flow more debug information is desirable.

Workaround -

Solution Added code to the CODA-Financials interface for extended debugging.

Components isdcfi.dll

Issue 120201

Version 3.0.021

Some oracle drivers might give error: "not a GROUP BY expression" in Configure

Problem	Some oracle drivers might give error: "not a GROUP BY expression" while selecting a customer.
Workaround	-
Solution	Changed code
Components	Isdcnf.dll
Issue	

Error in posting Follow up documents including pay batch

Problem	When a follow up document including a pay batch is booked to CODA the error 'Invalid use of Null' rises in Docposting.ProcessDocuments. Problem occurs since Crescendo version 3.0.018.
Workaround	Fill in fields manually in the database
Solution	Changed stored procedure for creating follow up documents added fields dispersedoccode, singleopenitemmatch in the table isd_dohead while creating followup documents.
Components	Database scripts 30_Crescendo_sp.sql and 30U_Crescendo_sp.sql on Oracle and SQL Server.
Issue	120210

Database error when using a selector code of more than 12 characters

Problem	When a selector code has more than 12 characters the following error might occur: ORA-12899: value too large for column "ISD_MATCHJOIN"."SELECTORID2" (actual: xx, maximum: 12) ...
Workaround	Do not use more than 12 characters in selector codes
Solution	Added scripts to change the precision of the database column isd_matchjoin.selectorid2 to 50 characters.
Components	Database scripts 30_Crescendo_update_018_021.sql and 30U_Crescendo_update_018_021.sql on Oracle and SQL Server.
Issue	120212

Oracle Unicode script contains Unicode identifier

Problem	The Oracle Unicode stored procedure script contains the Unicode identifier " N' ". Even though this does not lead to errors, it is not necessary.
Workaround	-
Solution	Cleaned up script
Components	Database script 30U_Crescendo_sp.sql on Oracle.
Issue	120213

Oracle upgrade script contains sizing parameters

Problem	One of the Crescendo upgrade scripts (2.6.015 to 2.6.031) contained sizing parameters. In the latest releases of Oracle the use of sizing parameters is not advised.
Workaround	-
Solution	Cleaned up script
Components	Database script 30U_Crescendo_sp.sql on Oracle.
Issue	120213

Starting the installed version of the Portal through the Desktop

Problem	When the installed version of the Portal is started through the Desktop, a user must sign in and a license is temporarily used.
Workaround	-
Solution	Changed code so that the Portal will take over the login of the Desktop, thus preventing the use of an extra license.
Components	Desktop.exe
Issue	120220

Incorrect batch id used by controller

Problem	Some controllers used their handle as a batch id, which might cause confusing log entries.
Workaround	Ignore the batch id for controllers.
Solution	The code has been changed so that controllers will not report a batch id.
Components	isdbec.exe
Issue	120218

Fields not updated during renumbering of document lines

Problem	When a follow-up document is renumbered, due to lines being deleted, then the original line number field was not updated. This would cause unpredictable behavior when lines are deleted by the follow-up process or filter process. In some cases 'random' document lines would be deleted. Also log messages were not updated when document lines are deleted or renumbered, causing incorrect reports on certain document lines.
Workaround	-
Solution	The database stored procedure isd_sp_document_renumber has been changed so that fields are updated correctly.
Components	30_Crescendo_sp.sql, 30U_Crescendo_sp.sql
Issue	120215

Status incorrectly updated when engine fails to start

Problem	When an engine fails to start, for example when a setting is missing or has an incorrect value, the job step is marked "To be started" instead of "Failed to start". The engine keeps running and will be cleaned up when the service is restarted. The incorrect status is not harmful to any data. When the problem, due to which the engine could not start, is solved, the engine will start correctly.
Workaround	-
Solution	Code has been changed to update the status correctly
Components	isdasvmn.dll
Issue	120209

Version 3.0.022

Navigation erratic after removal of a connection in the configuration applet

Problem	When a connection is removed from the list of registered application servers in the configuration applet, the navigation becomes erratic.
Workaround	Close and reopen the configuration applet.
Solution	Changed code to improve navigation, stability and performance.
Components	isdcpia.exe
Issue	120232

'Bank account number' field does not allow enough characters for IBAN

Problem	The field 'Bank account number' in the element finder allowed for account numbers up to 20 characters. This is not enough to hold some IBANs.
Workaround	Search for part of the IBAN.
Solution	Changed allowed number of characters in this field to 36.
Components	isdctrl.ocx
Issue	120193

Statistics not updated in document posting engine

Problem	The document posting engine does not correctly update the document statistics
Workaround	-
Solution	Changed code to update the statistics correctly.
Components	isdbe.exe
Issue	120238

Table isd_ebaccdocs not updated when document line primary key changes

Problem	When the primary key of a document line changes, for example when document lines are renumbered, then the corresponding key fields in the table isd_ebaccdocs are not updated.
Workaround	-
Solution	Changed the database trigger "isd_tr_doclone_cascade" to perform the correct updates.
Components	Database scripts 30U_Crescendo_sp.sql, 30_Crescendo_sp.sql
Issue	120235

Line posting procedures do not copy recently added database fields

Problem	The stored procedures regarding line posting do not copy recently added database fields when creating a new document.
Workaround	-
Solution	Changed the stored procedures to include the new database fields.
Components	Database scripts 30U_Crescendo_sp.sql, 30_Crescendo_sp.sql
Issue	120224

Deadlocks in stored procedure isd_sp_prep_match

Problem	The stored procedure isd_sp_prep_match sometimes caused deadlocks on MS SQL Server service in high load multi batch environments.
Workaround	-
Solution	Changed the stored procedure to optimize performance, improve error reporting and prevent deadlocks as much as possible.
Components	Database scripts 30U_Crescendo_sp.sql, 30_Crescendo_sp.sql on SQL Server
Issue	120214, 120239

Improved sorting of vocab descriptions in selector / presenter masters

Problem	The table name list within the vocab description was unsorted in de selector and presenter masters.
Workaround	-
Solution	Added sort order by to the query.
Components	Isdsp.dll
Issue	120243

Deadlocks in matching engine

Problem	The automatic crash recovery system of the batch engine could cause deadlocks when running in high load multi batch environments.
Workaround	Run single batch
Solution	Changed several queries in the crash recovery system to include the batched.
Components	isdbe.exe
Issue	120214

Batch mode detection

Problem	For future use: added batch mode support and detection to various engines. The modes are: interactive, single batch and multi batch.
Workaround	-
Solution	Added code.
Components	isdbe.exe, isdbec.exe
Issue	120240

Job step parameters

Problem	For future use: added support for passing job step parameters to various engines.
Workaround	-
Solution	Added code.
Components	isdbec.exe
Issue	120240

Batch selection in batch distribution of match groups and performance optimization

Problem	For future use: added support for selecting different types of batches, depending on various job step parameters. The types are: All items, only Full pay items, only Part pay items, only Part pay, Discount and Write-off items.
Workaround	-
Solution	Added code. Changed stored procedure 'isd_sp_distmatch' to include the various

Components selection types and improve performance on MSSQL Server.
Issue isdbec.exe, database scripts: 30U_Crescendo_sp.sql, 30_Crescendo_sp.sql
120240, 120244

Batch distribution of match groups not optimal

Problem On Oracle match groups were distributed such that batches had the full amount available per batch, possibly leaving available batch engines unused. For optimal performance, match groups must be distributed equally to all available batch engines.

Workaround -

Solution Changed stored procedure 'isd_sp_distmatch'

Components database scripts: 30U_Crescendo_sp.sql, 30_Crescendo_sp.sql on Oracle
Issue 120245

Improvement of generation of follow-up documents

Problem Document lines in follow-up documents will only be moved to a new follow-up document if they are part of a set (document line and auto annulment line). The detection of annulment lines was not optimal.

Workaround -

Solution Changed stored procedure 'isd_sp_fu_main'

Components database scripts: 30U_Crescendo_sp.sql, 30_Crescendo_sp.sql
Issue 120215, 120217

Improvement of Line posting procedures

Problem The stored procedures regarding line posting can be improved for performance and error reporting.

Workaround -

Solution Changed the stored procedures to optimize performance and error reporting.

Components Database scripts 30U_Crescendo_sp.sql, 30_Crescendo_sp.sql
Issue 120228

Improvement of Revaluation procedures

Problem The revaluation procedure uses a cursor to count the amount of items. If larger than 0 then the SP continues. A cursor without error trap is used. This can cause the "No data found" error and is also performance costly.

Workaround -

Solution Changed the stored procedures to optimize performance and to prevent "No data found" errors

Components Database scripts 30U_Crescendo_sp.sql, 30_Crescendo_sp.sql on SQL Server
Issue 120247

Improvement of cascading triggers on 'original document lines'

Problem When the primary key of a document line changes, the corresponding 'original document line numbers' in this document must be updated too.

Workaround -

Solution Changed the triggers to update the original document line numbers.

Components Database scripts 30U_Crescendo_sp.sql, 30_Crescendo_sp.sql
Issue 120235

Document Manager

Problem The conditions to make modifications to the post status of the document line have changed.

Workaround -

Solution Changed functionality

Components Document Manager.exe

Issue 120217, 120227, 120228

Problem When the option Fixed Columns Selection is disabled in the View Menu a type mismatch error could occur.

Workaround Enable Fixed Columns Selection

Solution Bug fixed

Components Document Manager.exe

Issue 120246

Version 3.0.023

Deadlock error handling

Problem When a deadlock error occurs on a query or a stored procedure the database object logs the error and the calling application will appropriately shut down. It does not support the option to rerun the query or stored procedure.

Workaround The application or engine which is the deadlock victim and has shut down can be started again.

Solution Extended error handling to recognize a deadlock. When a deadlock occurs the database object will automatically rerun the query or stored procedure with a maximum of 5 tries.

Components isddb.dll

Issue 120244

Batch distribution of items not optimal

Problem On Oracle items were distributed such that batches had the full amount available per batch, possibly leaving available batch engines unused. For optimal performance, items must be distributed equally to all available batch engines.

Workaround -

Solution Changed stored procedures 'isd_sp_distcalcmatch', 'isd_sp_distdiary', 'isd_sp_distdoclineupd', 'isd_sp_distdocuments', 'isd_sp_distelements', 'isd_sp_distmatchundo', 'isd_sp_distrevaluation'

Components database scripts: 30U_Crescendo_sp.sql, 30_Crescendo_sp.sql on Oracle

Issue 120245

'No data found' error on Oracle when starting an application

Problem On Oracle sometimes the error 'No data found' occurs when starting an application. As a result the application would not starting, showing the message that insufficient licenses are available.

Workaround -

Solution Changed stored procedures 'isd_sp_regapplication'
Components database scripts: 30U_Crescendo_sp.sql, 30_Crescendo_sp.sql on Oracle
Issue 120223

Linkcode invalid when running Oracle unicode

Problem On Oracle Unicode databases sometime the linkcode cannot be correctly determined. This is caused by an invalid datatype of a parameter on the stored procedure 'isd_sp_copy2link'. The procedure can also be optimized.

Workaround -

Solution Changed stored procedure 'isd_sp_copy2link'. Also this procedure has been optimized for performance by removing legacy code.

Components database scripts: 30U_Crescendo_sp.sql, 30_Crescendo_sp.sql on Oracle
Issue 120252

CODA-Fincials interface debug logging is not functional

Problem When the debug parameter has been set Crescendo generates log files. The CODA-Financials interface does not create a debug logfile when started by the Desktop.

Workaround -

Solution Changed the Desktop to enable logging through the CODA-Financials interface.

Components isdcfi.dll, Desktop.exe
Issue 120256

Element posting engine sometimes produces database error message

Problem When running Crescendo on an Oracle database sometimes the element posting engine would produce a database error when merging the banklist information. Subquery returned more than one row.

Workaround -

Solution -

Components database scripts: 30U_Crescendo_sp.sql, 30_Crescendo_sp.sql on Oracle
Issue 120265

Undo splitline via the document manager sometimes results in doclines with unpredictable linenumbers on SQL Server

Problem When an undo splitline action is initiated via the document manager the stored procedure isd_sp_renumber_document sometimes rennumbers the line numbers incorrect.

Workaround Delete bank statement and import it again.

Solution Improved stored procedure

Components database scripts: 30U_Crescendo_sp.sql, 30_Crescendo_sp.sql on SQL server
Issue

Changed address in the about box

Problem Because Interstaff has moved, the address in the about boxes became invalid.

Workaround -

Solution Changed the address

Components Isdctrl.ocx

Added Disperse document code to Create Follow Up program

Problem The disperse document code is moved from global settings to bank account level. Therefore every document that will be coupled to a supplement matchgroup, needs a disperse document code. It was not possible to provide documents created by the Create Follow Up program with this document code.

Workaround Add the code with the help of database queries after the document is created.

Solution Changed the program to make it possible to provide the document code.

Components CreateFollowupOAS.exe

Issue 120262

Added oas_grplist and oas_rlist to documentation as tables that Crescendo needs full access to

Problem The tables oas_rlist and oas_grplist were not mentioned as tables that Crescendo needs full access to.

Workaround Create rights afterwards.

Solution Added the tables to the documentation.

Components Documentation

Issue 130004

Removed setting CodaInteractiveSlot from the crescendo configuration

Problem Setting CodaInteractiveSlot is obsolete for a while, but still existed in the Configuration file. **Note: If the setting already exists, you must remove it by hand.**

Workaround -

Solution Removed this setting.

Components Configuration.Crescendo.xml

Issue 120263

Document Manager

Problem When a line is selected in the 'Select documents screen', then a type mismatch error could occur in case the document code name contains a dash (-).

Workaround -

Solution Bug fixed

Components Document Manager.exe

Issue 120259

Problem Open items that are part of a non-balancing matchgroup, may not be marked for revaluation. Further improvements have been made to the revaluation functionality.

Workaround -

Solution Changed functionality

Components Document Manager.exe

Issue 130007

Version 3.0.024

Repair mechanism posting engine

Problem	When a database error occurs in the follow-up stored procedure during posting of a follow-up document on SQL-server without an implicit rollback, then this document would be repaired, but loading it in the Document manager would present the user with errors. The cause is that some document lines already may have been moved to a new follow-up document, leaving gaps in the line numbers.
Workaround	-
Solution	The repair mechanism of the posting engine has been enhanced to include a renumber routine, which removes gaps from the document line numbers.
Components	isdbe.exe
Issue	130006

Invalid linkcode in element engine

Problem	When running Crescendo on an Oracle database and using the element engine and the day in the date is lower than 10, then the linkcode on oas_linkbanklist misses a '0'. For example: if the date is '04/05/2013' and time '12:34:00' then the linkcode could be '050412340001' but on this table it is filled with '50412340001' while the other tables are filled correctly. Thus the banklist is not updated in CODA-Financials.
Workaround	-
Solution	The stored procedure 'isd_sp_elm_getfromisd' has been changed to use the correct linkcode.
Components	30U_Crescendo_sp.sql, 30_Crescendo_sp.sql on Oracle
Issue	130012

Engine performance

Problem	The engines controllers check every interval to see if there are data to be processed. When an engine closes and therefore becomes available it has to wait till the next interval to start processing.
Workaround	-
Solution	When an engine closed and becomes available, the controller will immediately see if data are available and start the engine if needed.
Components	isdbec.exe
Issue	120088

Document keeps status 'calculate match'

Problem	Sometimes a bank statement keeps status: 'Calculate Match' while there are no match groups to calculate.
Workaround	Clear flag in the table isd_dochead with a query.
Solution	Added query in the calculate match engine to free document from calculate match when there are no matchgroups with status 'calculate match' within document.
Components	Isdbe.exe

Expiration date in license files

Problem A license file could only be used on the day that it was created..
Workaround -
Solution Changed the date to an expiration date, so that files can be used for a longer time.
Components isdcpla.exe

Reprocess followup document automatically if source document was set for automatic posting

Problem New functionality: When a document was set to automatic posting the generated followup document will be reprocessed automatically.
Workaround Reprocess followup document manually
Solution Added code in stored procedure: isd_sp_fu_main
Components 30U_Crescendo_sp.sql, 30_Crescendo_sp.sql on Oracle and SQL server

Write off Value tolerance in Calculatematch

Problem In the filter rules it is not possible to determine max/min writeoff values per currency. It is possible to make a different filter rule per currency, but it is more efficient to introduce a currency factor in the bankstatement masters.
Workaround Make a different filter rule per currency.
Solution Added code
Components 30U_Crescendo_sp.sql, 30_Crescendo_sp.sql, 30U_Crescendo_update_023_024.sql, 30_Crescendo_update_023_024.sql on Oracle and SQL server, isdbe.exe, Document Manager.exe, isdsplin.dll

Introduced sequence number in undo-match

Problem Added new column to make it possible to accept same undo-match action but with status deleted = 1
This could happen when a document was read multiple times but not removed yet by the garbage collector.
Workaround Run garbage collector before reading bankstatement again
Solution Added seqno column in isd_matchundo table.
Components 30U_Crescendo_update_023_024.sql, 30_Crescendo_update_023_024.sql on Oracle and SQL server, Document Manager.exe

Database error when importing settings with the Microsoft driver on an Oracle Unicode database

Problem When settings are imported on an Oracle Unicode database using a Microsoft driver, an error message would appear and the import procedure would abort.
This seems to be a compatibility issue in the Microsoft driver.
Workaround Import setting using an Oracle driver
Solution Changed code to work around the issue with the Microsoft driver.
Components isdcnf.dll
Issue 120261

Document Manager

Problem Reconciliation document cannot be posted from the 'Select documents screen'.
Workaround -
Solution Bug fixed
Components Document Manager.exe
Issue 120260

Problem Unicode Tab Control disrupts shortcut key functionality.
Workaround -
Solution Replaced Tab Controls
Components Document Manager.exe
Issue 130021

Problem Option 'Auto-anullment lines' in the View menu may not hide anullment lines generated by Split line.
Workaround -
Solution Bug fixed
Components Document Manager.exe
Issue 130029

Version 3.1.000

Added support for Java version 1.7 on CODA versions >= 12.000

Problem Crescendo didn't recognize Java version 1.7, so Java version 1.6 was still required for XMLi 12.xxx.
Workaround Install Java version 1.6
Solution Added code to support Java version 1.7.
Components isdCFI.dll
Issue 130034

Built in capability to access HKEY_LOCAL_MACHINE section of the registry with read only rights.

Problem Crescendo needed a windows user with read and write rights on the HKEY_LOCAL_MACHINE section of the registry.
Workaround -
Solution Added setting AllowRegistryEdit. If this setting is set to 'False', there will be no attempt to write in the HKEY_LOCAL_MACHINE section of the registry. Notice that it is your own responsibility to make sure that all registry settings are correct.
Components isdCFI.dll, isdreg.dll, InterStaff.Registry.dll
Issue 130022

Improved system vocab isd_docrine.appstatus1.

Problem The vocab isd_docrine.appstat1 could not be compared yet with other database fields via a selector master.
Workaround -
Solution Fixed Crescendo vocab setting
Components Crescendo settings
Issue

Improved Creating Followup Documents on SQL Server database

Problem	Improved Creating Followup documents on SQL Server. To prevent problems with the table isd_ebaccdocs, the table is emptied for the current document before creating a followup document.
Workaround	-.
Solution	Added code
Components	30U_Crescendo_sp.sql, 30_Crescendo_sp.sql,

Write off on open items improved in combination with P0

Problem	When a match group is created with P0 lines, calculate match will not deliver a write off, but a part payment. This is not a big problem, but if the setting 'part payment not allowed' is being used the match group is removed.
Workaround	-
Solution	Added code
Components	isdbe.exe

Interface lines will not be removed from the match group anymore by Calculate match.

Problem	When Calculate match chooses to remove an interface line from a match group with P0 it becomes unclear what happened. For this reason Calculate match will now decide to set the match group on status error instead of removing the interface line from the match group.
Workaround	-
Solution	Added code
Components	isdbe.exe
Issue	120155

Posting documents

Problem	During the repair of documents sometimes, the bug "not a GROUP BY expression" occurs when using aggregate functions on Oracle. This happens only on some drivers, and is caused by ADO. ADO adds field "rowid" to query's with aggregate functions.
Workaround	Use a different driver
Solution	Before getting a record set based on a query with an aggregate function, the databases property 'Lock type' is set to 'Read-only'. After the record set is built, the Lock type is set back to 'Optimistic'. Adjusted code on 2 places.
Components	isdbe.exe

Document Manager

Problem	Shortkey functionality not optimal
Workaround	-
Solution	Changed functionality
Components	Document Manager.exe, isdspln.dll

Issue 130021

Problem When a line is selected in the 'Select documents screen', then a type mismatch error could occur in case the document code name contains a dash (-) or an underscore.

Workaround Deselect 'Fixed Columns Selection' in the 'View' menu

Solution Bug fixed

Components Document Manager.exe

Issue 120259

Problem When executing a line split, error 'Invalid row value' could occur, if option Current matchgroup Open items is selected and the Open items grid contains unmatched CODA lines.

Workaround Remove unmatched CODA lines (Ctrl + F3) before executing a line split

Solution Bug fixed

Components Document Manager.exe

Issue 130050

Control Library - Account code control

Problem When tabbing through the Element finder no multiplication sign would be added in the fields then only when typing is done.

Workaround -

Solution Changed functionality

Components Isdctrl.ocx

Issue 130021

Control Library - Account code control

Problem When a copied account code contains a CrLf (Carriage return Line feed), then this sign is also pasted.

Workaround -

Solution Trim CrLf from account code

Components Isdctrl.ocx

Issue 130061

Improved upgrade from Crescendo 2.6 to Crescendo 3.0

Problem After conversion from Crescendo 2.6 to Crescendo 3.0 Follow up documents could not be edited.

Workaround -.

Solution Adjusted script

Components 30_Crescendo_upgrade_from_26.sql

Database Object

Problem When an error occurred during the execution of a query or stored procedure, only the sql statement was logged. The error message itself was missing.

Workaround -
Solution Improved error handling.
Components isddb.dll.ocx
Issue 130069

Garbage collector keeps on logging

Problem The garbage collector seemed to ignore the interval provided by the job.
Workaround -
Solution Fixed code..
Components isdbec.exe
Issue 130016

Application manager

Problem Choosing Edit from pop up menu after right-clicking on empty line and no item is selected, could cause error in frmMain.PrepareFormEdit:
Object variable or with block variable not set
Workaround -
Solution Bug fixed
Components ApplicationManager.exe
Issue 130089

Server Manager

Problem The Crescendo Application Server and Portal Service were installed as separate services with their own configuration tool.
Workaround -
Solution Created a new Server Manager with the same and new features. For more information, please see the help which comes with the installation of the Crescendo Framework.
Components InterStaff.Crescendo.Server.exe, ServerManager.exe

Queue Controller

Problem When the database connection is lost and restored, the first query on Oracle after this restore might be lost. If this is the case at the time that the first jobs have to start in the morning (for example because of a database backup at night), the Queue Controller fails to start this jobs.
Workaround Start jobs by hand.
Solution Added more stability to the Queue Controller in case of a database connection loss on Oracle.
May be the loss of connection is not the only reason for not starting the jobs. This solution, in combination with solutions in other parts of the software, should help to find out more about possible other causes!
Components isdqueue.exe
Issue 130018

Version 3.1.001

Extreme amount of log entries in Queue Controller

Problem	When a general network error occurred on an SQL Server database, the Queue Controller hangs in a loop to start jobs, and generates an extreme amount of log entries.
Workaround	Restart the service and clean the isd_events table.
Solution	Added more stability to the Queue Controller in case of a general network error on SQL Server.
Components	isdqueue.exe, isdasv.dll, isdasvmn.dll, ServerManager.exe, InterStaff.Crescendo.Server.exe
Issue	130137

SEPA Mandate

Problem	Implemented Mandate for elements via document posting engine.
Workaround	-.
Solution	Added code
Components	30U_Crescendo_sp.sql, 30_Crescendo_sp.sql, 30U_Crescendo_update_31000_31001.sql, 30_Crescendo_update_31000_31001.sql, isdbec.exe, isdbe.exe, isdcas.dll, isdcfi.dll

Calculate match: Automatically split Document line according to values of open items improved.

Problem	When document currency is not similar to element currency the document won't balance to zero after inserting the document lines of wrong currency.
Workaround	Split document line manually.
Solution	Detect that document currency <> element currency and prevent split.
Components	Isdbe.exe
Issue	130102

Unable to sign in to Portal when a CODA users password is expired

Problem	When the password of the CODA user is expired and single signon is used, it was not possible to logon to the Crescendo Portal.
Workaround	-
Solution	Removed check on expiration date of the password when Single Sign On is used.
Components	isdmh.exe, isdasv.dll, isdasvmn.dll
Issue	130163

Single client connection configuration for Desktop and Portal

Problem The configuration on the client must be set at two places.
Workaround -
Solution Rewritten the Configure application so it manages both the configuration for the Desktop as well as the Portal
Components InterStaff.Desktop.Configure.exe
Issue 130081

Service account validation

Problem When the service account entered is invalid, the service cannot be created.
Workaround -
Solution Added validation.
Components ServerManager.exe
Issue 130121 and 130128

License expiration date not displayed

Problem The expiration date of the license was not displayed.
Workaround -
Solution The date is now correctly parsed and displayed. When no expiration date is set, a hyphen ('-') will be shown.
Components ServerManager.exe
Issue 130122

License contact information not stored

Problem When a license request is created, the contact information entered should be stored in the Global Settings.
Workaround -
Solution Changed the code.
Components ServerManager.exe
Issue 130122

Unable the navigate backwards when settings are exported

Problem When an export of settings is created, the previous button is disabled. Therefore it is impossible to navigate further backwards in case of an error.
Workaround -
Solution Changed the code.
Components ServerManager.exe
Issue 130123

Synchronize Server Manager & Server settings

Problem	Some information shown in the Server Manager can be changed as well in the Application Manager. When this happens, the information displayed is not synchronized.
Workaround	-
Solution	Added synchronization that will automatically start when the Server Manager is launched.
Components	ServerManager.exe
Issue	130124

Rearrange Create Server wizard

Problem	In practice it has been found that the sequence of steps in the Create Server wizard is not ideal.
Workaround	-
Solution	Removed several steps from the Create Server wizard to a separate function. These steps are: Export Settings, Import Setting, Create License, Import License.
Components	ServerManager.exe
Issue	130125

Import / Export of application failes

Problem	The import and export of settings could generate an error: 'Index was outside the bounds of the array'.
Workaround	-
Solution	Bug fixed in code.
Components	ServerManager.exe
Issue	130126

Create Server: The input is not a valid Base-64 string

Problem	During the Create Server wizard, the following error could occur: The input is not a valid Base-64 string. This was caused by the CODA batch password that was not properly encrypted.
Workaround	-
Solution	Added detection in code for this situation.
Components	ServerManager.exe
Issue	130130

Unable to change Portal configuration

Problem Changes made to the Portal configuration in the Configuration dialog (Tools → Settings → Configuration) were not stored.
Workaround -
Solution Bug fixed.
Components InterStaff.Desktop.Login.Crescendo.dll
Issue 130131

CODA batch password not stored correctly

Problem The coda batch password was not encrypted.
Workaround -
Solution Bug fixed.
Components InterStaff.Desktop.Login.Crescendo.dll
Issue 130132

SQL Server error when importing vocabs on Oracle

Problem The import of vocabs on Oracle generated an error regarding the SQL Server database driver.
Workaround -
Solution Added Oracle specific code to import vocabs.
Components InterStaff.Desktop.Login.Crescendo.dll
Issue 130134

Client Configure error : 'Value cannot be null'

Problem When deleting a connection from the client configure utility, an error was thrown.
Workaround -
Solution This issue has been solved by issue [ISD130081-I].
Components Isdcpla.exe, InterStaff.Desktop.Configure.exe
Issue 130138

Log Viewer search dialog localization

Problem The log viewer search dialog was not correctly translated to Dutch.
Workaround -
Solution Updated translations
Components InterStaff.Desktop.Plugins.Logviewer.dll
Issue 130140

Unable to set Service to manual start

Problem	It was impossible (using the Server Manager) to change the startmode of the Crescendo Server.
Workaround	Use the Windows Services dialog instead.
Solution	Bug fixed.
Components	ServerManager.exe
Issue	130146

Error when no Server selected

Problem	When no server was selected in the Server Manager, and error was thrown when the user clicked on a function. (for example: Import Settings)
Workaround	Select a server first.
Solution	Added checks in code.
Components	ServerManager.exe
Issue	130147

Crescendo Portal does not log on automatically when there are multiple environments defined

Problem	On environments with multiple servers defined, the Crescendo Portal was unable to log on automatically to the correct server.
Workaround	Select an environment.
Solution	Fixed bug.
Components	InterStaff.Desktop.Login.Crescendo.dll
Issue	130148

Added property to name an environment

Problem	For our administration and licensing it is necessary to identify each environment. The label Production/Test/Acceptance turned out to be not enough.
Workaround	
Solution	Added a field to enter a name for each environment during the creation of a license file.
Components	ServerManager.exe
Issue	130151

Unable to Import/Export Servers

Problem	Due to other changes, it was impossible to import a previously created export of Crescendo Servers.
Workaround	Manually recreate the Server(s).
Solution	Updated the corresponding XML Schema file.
Components	ServerManager.exe
Issue	130155

Index out of range error in Create Server wizard

Problem	Navigating backwards in the Create Server wizard from the Summary step caused an Index out of range error.
Workaround	-
Solution	Fixed bug.
Components	ServerManager.exe
Issue	130157

Reset License functionality added

Problem	In some cases, it is required to reset the license and request a new license. The Reset License functionality was previously accessible using the Client Configure tool. This functionality is now moved to the Server Manager.
Workaround	-
Solution	-
Components	ServerManager.exe
Issue	130158

Base Appid < 100 not allowed

Problem	In practice it has been found that the base appid can be < 100. The Server Manager did not accept values < 100.
Workaround	-
Solution	Removed validation.
Components	ServerManager.exe
Issue	130159

Unable to import settings from an export file

Problem	A settings file, created by the Server Manager could not be imported again because of case sensitivity.
Workaround	-
Solution	Fixed bug.
Components	ServerManager.exe
Issue	130167

Wrong error message when password is expired during log on

Problem	The Crescendo Portal reports 'Username and/or password incorrect' when the password is actually expired.
Workaround	-
Solution	Updated the code to display a correct error message.
Components	InterStaff.Desktop.Login.Crescendo.dll
Issue	130168

Version 3.1.002

Wrong label caption in Create Follow Up Program

Problem	In the Create Follow Up program, the label caption for disperse document codes was not clear.
Workaround	-
Solution	Changed label caption.
Components	FollowUpOAS.exe
Issue	-

In Create Follow Up Program and normal follow up documents Authuser was sometimes filled with 'space'

Problem	In Create Follow Up Program and normal follow up documents, Authuser was sometimes filled with space. CODA Financials can give an error when the document will be posted to the books.
Workaround	-
Solution	Skip filling Authuser in these 2 processes, so value will be NULL.
Components	FollowUpOAS.exe, 30U_Crescendo_sp.sql, 30_Crescendo_sp.sql
Issue	130076

Added SEPA Mandate via element link

Problem	Implemented Mandate for elements via element posting engine (via table link).
Workaround	-.
Solution	Added code
Components	30U_Crescendo_sp.sql, 30_Crescendo_sp.sql, isdbe.exe

Improved element link

Problem	During element posting via link tables, fields like 'name' and 'sname' of all other records were emptied.
Workaround	-.
Solution	Fixed stored procedure
Components	30U_Crescendo_sp.sql, 30_Crescendo_sp.sql
Issue	130256

Update elmbanktag in isd_docrine for lines with a mandate reference.

Problem	Now isd_docrine.elmbanktag will be updated with the tag from oas_elmbankmandlist for each line with a mandate reference
Workaround	-.
Solution	Added code
Components	30U_Crescendo_sp.sql, 30_Crescendo_sp.sql, isdbe.exe

When a supplement match group is coupled to a Follow Up document, the disperse documents are not posted.

Problem	When a supplement match group is coupled to a Follow Up document, the disperse documents are not posted. As a result, the items that are part of the
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	supplement will not get the 'Paid' status. This was only the case on Oracle environments.
Workaround	Clear the filed 'procapp' of the disperse documents in the isd_dochead table by hand.
Solution	Changed the isd_proces_after_doclink so that the disperse document's procapp filed will be cleared.
Components	Procedure isd_sp_process_after_doclink.
Issue	130072

Selector Presenter: prompt with document number

Problem	Improved 'between' operator. Trailing spaces were trimmed; these trims could affect the sort in a negative way, because the document number is a text field used as a number field.
Workaround	-
Solution	Removed trims, so the result of a sort reacts normal again for numbers.
Components	Isdsp.dll
Issue	130028

Document manager

Problem	New functionality to handle mandate items.
Workaround	-
Solution	Added functionality
Components	Document Manager.exe
Issue	-

Problem	Authorising user is not updated in table isd_dochead, when a document is posted from the 'Documents selection screen' (and setting 'PostAuthorisingUser' = true).
Workaround	Post document when it is loaded.
Solution	Bug fixed
Components	Document Manager.exe
Issue	140012

Problem	Update docline item is not loaded when the corresponding Undo match item (datalinkid is equal) is marked as deleted.
Workaround	Run garbage collector
Solution	Bug fixed
Components	Document Manager.exe
Issue	130169

Problem	When editing a document line, the Detail reference field on the Line tab could be filled despite a Supplement matchgroup is not found.
Workaround	-
Solution	Bug fixed
Components	Isdctrl.ocx
Issue	140013

Problem Log messages must be available by right-click on grid line of loaded Extra items (Undo match, Diary items, Update doctrine, Update mandate).
Workaround Consult the Logviewer in the Portal
Solution Added functionality
Components Document Manager.exe
Issue 130026

Problem The location of the temporarily xml log file should be moved from the installation folder to the common application data directory, because of insufficient access rights.
Workaround -
Solution Added functionality
Components Document Manager.exe
Issue 140009

When a supplement match group is de-coupled within a Follow up document, the document doesn't balance anymore

Problem When a supplement match group is de-coupled within a Follow up document, the document doesn't balance anymore.
Workaround
Solution Adjusted code.
Components Isdsuppe.exe, 30U_Crescendo_sp.sql, 30_Crescendo_sp.sql
Issue 140026

Invalid status combination in supplement coupling engine.

Problem When a document has an error status, the document coupling engine still couples a supplement to this document and changes the document status to reproc. Now both errorid and reproc are set to 1, this is not allowed
Workaround -
Solution Documents in error will not be coupled anymore..
Components Isdsuppe.exe
Issue 140017

SQL Engine keeps on running

Problem The SQL Engine seemed to ignore the interval provided by the job.
Workaround -
Solution Fixed code..
Components isdbec.exe
Issue

Crescendo Portal Offline mode

Problem Due to recent changes in the architecture, the offline mode of the Crescendo Portal did not function. In offline mode, the Log Viewer would be available even when it was unable to log on to Crescendo.
Workaround -
Solution Changed the software so that the Log Viewer is now accessible from the Server

Components	Manager InterStaff.Desktop.Plugins.Logviewer.dll, InterStaff.Interfaces.dll, InterStaff.Desktop.Login.Crescendo.dll, ServerManager.exe
Issue	140020

Crescendo Configure error when activating connection

Problem	When the user tries to activate a connection after adding a new connection, an error will occur.
Workaround	Restart the Configure application
Solution	Fixed bug in code
Components	InterStaff.Desktop.Configure.exe
Issue	140014, 130170

Empty settings in Application Manager

Problem	After an import of settings has been completed, a lot of empty settings (without a name) showed up in the Application Manager
Workaround	-
Solution	This was caused by the export functionality. Fixed bug in code.
Components	ServerManager.exe
Issue	140008

Crescendo Configure error when registry key does not exist

Problem	When the registry key used to store the activated connection does not exist, an error was raised.
Workaround	Create the registry key by hand
Solution	Fixed bug in code
Components	InterStaff.Desktop.Configure.exe
Issue	140007

Crescendo Configure unable to test Oracle connection

Problem	On x64 systems, the Configure could not connect to Oracle.
Workaround	-
Solution	The configure will now run in 32-bit mode which will automatically try to test the 32-bit Oracle client which is used on Oracle environments.
Components	InterStaff.Desktop.Configure.exe
Issue	140006

Server Manager unable to create license

Problem	It was impossible to create a license request file using the Server Manager.
Workaround	-
Solution	Fixed bug in code
Components	ServerManager.exe
Issue	140003

Crescendo Portal configure connections

Problem	With the new Configure application, there is no need to configure the Portal connections anymore
Workaround	-
Solution	Removed functionality
Components	InterStaff.Desktop.Login.Crescendo.dll
Issue	140001

Server Manager – Base Appid set to zero

Problem	Occasionally the base appid was reset to zero during the creation of a Crescendo Application Server.
Workaround	-
Solution	Fixed bug in code.
Components	ServerManager.exe
Issue	130171

Version 3.1.003

Show query in database log also before executing.

Problem	Queries were logged after executing, that way the 'problem query' was not immediately visible.
Workaround	Wait until query is completed.
Solution	Added Code.
Components	Isddb.dll
Issue	130161

Fifo matching: Field 'Sort Order' was ignored.

Problem	FIFO matching uses a presenter master for sorting. The value for 'Sort Order' was ignored.
Workaround	Use field 'Location' instead.
Solution	Changed Code.
Components	Isdsp.dll
Issue	140031

Line posting and email engine keep on running

Problem	The Line Posting Engine and the Email Engine seemed to ignore the interval provided by the job.
Workaround	-
Solution	Fixed code.
Components	isdbec.exe
Issue	

Selector Masters: validation of parentheses

Problem	Number of closing parentheses were not automatically validated against number of opening parentheses
Workaround	Check visually.
Solution	Add check.
Components	Isdsp.dll
Issue	130068

Oracle stored procedure isd_sp_copy2link didn't compile on CODA versions before: V12.000

Problem	Oracle stored procedure isd_sp_copy2link didn't compile on CODA versions before V12.000.
Workaround	Adjust stored procedure.
Solution	Adjusted stored procedure.
Components	30U_Crescendo_sp.sql, 30_Crescendo_sp.sql
Issue	140039

Added XMLi server Keep-Alive functionality

Problem When the Desktop has started, and is logged on to CODA, but has not been used for a long time, then the CODA server process will disconnect the client.

Workaround Close and start the Desktop.

Solution Added Keep-Alive functionality

Components Isdcas.dll, isdcfi.dll, Desktop.exe

Issue 120231

Calculate match: Support CODA SSO for reprocessing interactively in Document manager

Problem When a document was reprocessed interactively (immediately) via the document manager, Calculate match didn't work on a CODA Single Sign-on environment.

Workaround Use reprocess interactively delayed instead of immediately.

Solution Adjusted code

Components Isdbe.exe

Issue 130165

Calculate match: Improved performance

Problem Removed random delay for interactive start which was only meant for randomly delaying batch processes.

Workaround -

Solution Fixed code

Components Isdbe.exe

Issue

Document posting

Problem On SQL Server, in case of a deadlock, time out or error in the stored procedure isd_sp_process_after_doclink, critical SQL was executed twice. Now this part is split in two and placed in a transaction so it will run only once.

Workaround -

Solution Fixed code

Components Isdbe.exe, 30U_Crescendo_sp.sql, 30_Crescendo_sp.sql

Issue 140023

Improved removing documents on Oracle.

Problem In the rare situation the table isd_matchjoin still contains data on Oracle while the corresponding document in the table isd_dochead is being deleted a constraint error occurred.

Workaround -

Solution Fixed code

Components 30U_Crescendo_sp.sql, 30_Crescendo_sp.sql

Issue 140048

Removed transaction in SQL Engine

Problem In the SQL engine, a transaction was set around the query that is to be executed.

Workaround -

Solution Removed transaction.

Components isdbe.exe

Issue 140051

Document manager

Problem	Posting matchgroup could cause overflow error, in case of large number of loaded matchgroups.
Workaround	-
Solution	Added Matchgroup selection screen, Added new setting MaxMatchlineCount When number of loaded matchgroup lines > MaxMatchlineCount then the Selection screen will appear.
Components	Document Manager.exe
Issue	140011
Problem	Integrity constraint error could occur when manual matching actions are done in case more users have searched and loaded the same open item.
Workaround	-
Solution	Added functionality
Components	Document Manager.exe
Issue	130152
Problem	Sort order of date fields of loaded Extra items is incorrect.
Workaround	-
Solution	Bug fixed
Components	Document Manager.exe
Issue	140049
Problem	Processing fields are not updated when Extra items are loaded.
Workaround	-
Solution	Bug fixed
Components	Document Manager.exe
Issue	140050
Problem	Proces fields and calculatematch status are not reset in matchgroup table when the engine returns an error status after a matchgroup has been calculated.
Workaround	-
Solution	Bug fixed
Components	Document Manager.exe
Issue	140052
Problem	The account codes that are used for posting discount- and write-off values cannot be set anymore by changing the discountacc and paydiffacc values in the isd_matchgroup table. Instead the Matching Master Code must be updated.
Workaround	-
Solution	Added functionality. Select the Matching Master Code in the concerning screen.
Components	Document Manager.exe
Issue	140044

Version 3.1.004

Multiple Currency Rates

Problem Added new functionality: Now it is possible to implement an alternative currency rate in an alternative company.

Workaround -

Solution Added code in Calculate match, Document Manager and in pre-posting.

Components isdbe.exe, Document Manager.exe, 30U_Crescendo_sp.sql, 30_Crescendo_sp.sql

Issue

Read bank statements not present in database

Problem Occasionally, when a bank statement is read, the log says is is read correctly but it is not present in the database.

Workaround Dot not run the Garbage Collector during reading of bank statements.

Solution Changed and added query's to prevent a document from deletion.

Components isdbe.exe

Issue 140055

Removed Import/Export functionality from Application Manager

Problem Although the import/export functionality in the application manager was obsolete, it was still possible to use the menu items and export and import settings.

Workaround Do not use the menu items. Import and export of settings is handled by the Server Manager.

Solution Removed the menu items.

Components ApplicationManager.exe

Issue 130112

Crescendo Desktop

Problem Crescendo Desktop didn't show any status info anymore in the status bar.

Workaround -

Solution Fixed code.

Components Desktop.exe

Element Posting

Problem Database error: ora-00907-missing-right-parenthesis in Oracle database during posting of existing elements.

Workaround -

Solution Fixed script.

Components 30_Crescendo_sp.sql
30U_Crescendo_sp.sql

Document manager

Problem Edit on single matchgroup is logged multiple times.
Workaround -
Solution Bug fixed
Components Document Manager.exe
Issue 140059

Version 3.1.005

Allowed empty description in create follow up.

Problem When the description field in a Create FollowUp master was left empty, an error occurred when opening the master again..
Workaround Fill in a description
Solution Adjusted code to handle an empty description correctly.
Components FollowUpOAS.exe
Issue 140046

Blocked input of action date less than today in Diary Masters.

Problem It was possible to enter an action date in the diary masters that would result in a date less than the input date when a document was posted. CODA does not accept action dates less than the input date, so an error would occur.
Workaround Do not use action dates that result in a date less than the input date.
Solution Blocked input of an action date less than today.
Components DiaryMasters.exe
Issue 120132

Fixed Post Edited Lines functionality.

Problem When setting PostEditedLines is set to True, all lines that are edited by hand in the Document Manager should be posted when a Follow Up document is posted. This did not happen.
Workaround -
Solution Changed stored procedure isd_sp_fu_main.
Components 30_Crescendo_sp.sql, 30U_Crescendo_sp.sql
Issue 140030

Fixed priority of use of matching masters

Problem When a matching master was used from the Matching Master Selector, this setting is always used, even when the matching master was overruled by hand in the Document Manager.

Workaround -
Solution Changed stored procedure isd_sp_validate_matchgroups.
The priority is:
1) Matching Master added by hand in the Document Manager.
2) Value from Matching Master Selector
3) Setting 'MatchingMaster' from Application Manager
4) CODA Company Master
Components 30_Crescendo_sp.sql, 30U_Crescendo_sp.sql
Issue 140053

Error status removed from match group when calculate match functionality is used in Document Manager.

Problem When a match group has an error status and function Calculate match is called, the error status will remain even if the match group is correct after the calculate match function.
Workaround Remove error status by hand by setting part pay or full pay again.
Solution Remove error status before calling Calculate Match.
Components DocumentManager.exe
Issue 140071

Document won't post on CODA versions < 12000 on SQLServer environments.

Problem On environments with a SQL Server database and a CODA version < 12000, the oas_link table would not be filled and therefore documents could post.
Workaround -
Solution Changed stored procedure isd_sp_copy2link.
Components 30_Crescendo_sp.sql, 30U_Crescendo_sp.sql
Issue 140073

Multiple Currency Rates in combination with regional setting . for decimal did not work

Problem Multiple Currency Rates in combination with regional setting . for decimal did not work.
Workaround -
Solution Adjusted code in isstring.dll also decided to call a more common function in isdbe.exe instead.
Components isdbe.exe, isstr.dll
Issue

Document manager

Problem When document lines are edited successively with high speed through a function key, updating could possibly occur with data of another document line.
Workaround -
Solution Added functionality
Components Document Manager.exe
Issue 140033

Problem Split line: When a new formed line is marked as 'Exclude from followup', it has no edited status 'Manual', so it will be picked up when the document is reprocessed.
Workaround Change the status 'Exclude from followup' in the Line tab afterwards.
Solution Added functionality
Components isdsplln.dll
Issue 140058

Problem When an account code is updated through element substitution in case manual matching actions are done, the change of the code is not saved in the messages log.
Workaround -
Solution Added functionality
Components Document Manager.exe
Issue 140066

Problem New functionality to speed up handling searched open items.
Workaround -
Solution Added new setting: ClearOpenItemSearch, Boolean, False
When True, a selection of searched open items will be removed by moving to another document line.
Components Document Manager.exe
Issue 140067

Problem Matching Master Code set in the Application Manager or Matching Master Selector is not viewed in Discount/Writeoff screen.
Workaround -
Solution Added functionality
Components Document Manager.exe
Issue 140068

Problem The setting for the date format is retrieved from the company master in CODA. This setting should be entered in the Application Manager.
Workaround -
Solution Added new setting: DateFormat, String, DD-MM-YY
Components Document Manager.exe
Issue 140070

Problem When a document is closed, it is possible to reprocess marked lines, while the capability for this action is turned off.
Workaround -
Solution Bug fixed
Components Document Manager.exe
Issue 140076

Problem An alternative rate for a specific company is not listed on the currency tab.
Workaround -
Solution Added functionality
Components Document Manager.exe
Issue 140079

Problem Type mismatch error occurs when document is loaded in case Windows Short date setting contains dots or spaces.
Workaround Choose Windows Short date setting with no dots or spaces in it.
Solution Bug fixed
Components Document Manager.exe
Issue 140082

Problem The user should be noticed if Diary- or Update Mandate items are linked to a document line.
Workaround -
Solution A notice is placed on the line tab.
Components Document Manager.exe
Issue -

SQL Server index isd_matchundo.isd_matchundo_index2 changes to non-unique

Problem In some SQL Server databases the index isd_matchundo.isd_matchundo_index2 is created as an unique index while it should have been a non-unique index.
Workaround Run garbage collector to remove 'deleted' undo-matches.
Solution Re-create index.
Components 30U_Crescendo_sp.sql, 30_Crescendo_sp.sql
Issue

Enabled debug logging in Posting engine.

Problem No debug logging in posting engine.
Workaround -
Solution Enabled debug logging in Posting engine.
Components Isdbe.exe
Issue 140074

CODA INSTALL user may now logon to Crescendo desktop when a batch slot is attached

Problem During Crescendo consultancy the CODA INSTALL user often has a temporary batch slot attached. Now the Crescendo desktop allows a logon (only in combination with the install user) and gives a warning during logon. This allows the continuation of maintenance in Crescendo.
Workaround -
Solution Added functionality.
Components Desktop.exe

Added support for Java version 1.8 and so on for CODA versions >= 12.000

Problem Crescendo didn't recognize Java version 1.8, so Java version 1.7 was still required for XMLi 12.xxx.
Workaround Install Java version 1.7 32-bits
Solution Added code to support Java version 1.7 and higher.
Added folder of active Java version to debug log.

Components isdCFI.dll
Issue 140083

Performance element engine

Problem Poor performance when processing large batches of elements.
Workaround Create multiple parallel batches.
Solution Replaced stored procedures by optimized queries. Optimized selective execution of queries.
Components Isdbe.exe, isdbec.exe, 30U_Crescendo_sp.sql, 30_Crescendo_sp.sql

Logviewer

Problem Windows exceptions were not displayed
Workaround Look with a different viewer in the XML file.
Solution In some windows messages is a "&" present. This caused a crash. Replaced the "&" by "&emp;".
Components Crescendo Desktop
Issue 140061

Version 3.1.006

Posting Engine

Problem On SQL Server, in case of a deadlock, time out or error in the stored procedure isd_sp_process_after_doclink, critical SQL was executed twice. This was already fixed in version 3.1.003, but in some cases this still happened.

Workaround -

Solution Fixed code

Components Isdbe.exe, 30U_Crescendo_sp.sql, 30_Crescendo_sp.sql

Issue 150010

Posting Engine

Problem After a document is posted, the linkcode that is used in the oas_link tables was not updated in the isd_doc tables. Therefore, the updating of the document statistics failed after a post run ended up in error.

Workaround -

Solution Fixed code

Components Isdbe.exe

Issue 150015

Posting Engine

Problem Fields target_cur and alt_cmp were not filled in at Crescendo disperse documents.

Workaround -

Solution Fixed stored procedures

Components 30U_Crescendo_sp.sql, 30_Crescendo_sp.sql

Issue 150016

Posting Engine

Problem Fields valuedoc and valuedual where copied to the balancing lines of Crescendo disperse documents on Oracle environments. If these fields where not empty in the original line, the disperse documents could not be posted to CODA because of a non-balancing error.

Workaround -

Solution Fixed stored procedures

Components 30U_Crescendo_sp.sql, 30_Crescendo_sp.sql

Issue 150017

Diary Masters

Problem No lock-message is given at startup, in case the application is already in use in the same company.
Workaround -
Solution Bug fixed
Components DiaryMasters.exe
Issue 150008

Supplement Matching Folder Manager

Problem The setting for the date format must be retrieved from the Global settings in the Application Manager instead of the company master in CODA.
Workaround -
Solution Added functionality
Components SMFM.exe, SMFE.dll, Isdctrl.ocx
Issue 150005

Problem Type mismatch error occurs when document is loaded in case Windows Short date setting contains dots or spaces.
Workaround Choose Windows Short date setting with no dots or spaces in it.
Solution Bug fixed
Components SMFM.exe, SMFE.dll, Isdctrl.ocx
Issue 150005

Line Editor

Problem Some controls can overlap each other on high screen resolution.
Workaround -
Solution Bug fixed
Components Line Editor.exe
Issue 140087

Problem The setting for the date format must be retrieved from the Global settings in the Application Manager instead of the company master in CODA.
Workaround -
Solution Added functionality
Components Line Editor.exe
Issue 150001

Problem Type mismatch error occurs when document is loaded in case Windows Short date setting contains dots or spaces.
Workaround Choose Windows Short date setting with no dots or spaces in it.
Solution Bug fixed
Components Line Editor.exe
Issue 150001

Document manager

Problem DateFormat setting should be moved to Global Settings in Application Manager.
Workaround -
Solution Added functionality
Components Document Manager.exe

Problem When the Presenter Open Items screen is cancelled, the main screen could be disabled the next time a document is loaded.
Workaround Restart the Document Manager
Solution Bug fixed
Components Document Manager.exe

Problem Some functions do not work properly in case Windows Short date setting contains dots or spaces.
Workaround Choose Windows Short date setting with no dots or spaces in it.
Solution Bug fixed
Components Document Manager.exe
Issue 140086

Problem Decimals are not displayed in Total Selected field in case unmatched CODA lines are selected by the Select All menu.
Workaround -
Solution Bug fixed
Components Document Manager.exe
Issue 15003

Problem Syntax error could occur in query during load of Discount/Write-off screen in case the driving line is set on a bank line.
Workaround -
Solution Bug fixed
Components Document Manager.exe
Issue 150012

Problem The Effective Discount date set in the Options screen is not applied when a match group is created. The functionality for assigning the Matching - and Effective Discount date is revised.
Workaround -
Solution Bug fixed/Changed functionality
Components Document Manager.exe
Issue 150018

Problem When removing a match group results in restoring before values of the account code (because of different element level) and with that the clearing of searched open items, then error 'Invalid Row value' or 'Subscript out of range' could occur.
Workaround Give the focus to a bank line, before removing a match group.
Solution Bug fixed
Components Document Manager.exe
Issue 150019

Document Posting Engine

Problem	Performance of the engine was poor while processing documents containing very large supplement match groups.
Workaround	-
Solution	Replaced stored procedures by optimized queries. Attention: These functionality can only be used on Oracle environments, and SQL Server environments with a version number 2012 or higher. In order to use these functionality, setting 'UseNewSMGMethod' (Document Posting Engine) must be set to 'True'. The default value of this setting is 'False', so by default, the new functionality will not be used.
Components	Isdbe.exe, isdbec.exe

Selector / Presenter

Problem	In a rare situation with Oracle driver 11.2.0.2.0 in a Unicode environment sometimes a 'left outer join' was added twice. This would result in an error in the document manager while opening a bank statement.
Workaround	Switch to Microsoft driver.
Solution	Added check for existence of join.
Components	Isdsp.dll